DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
SAM. L. ROGERS, DIRECTOR

BULLETIN 134

COTTON PRODUCTION AND DISTRIBUTION

SEASON OF 1915–16

WASHINGTON
GOVERNMENT PRINTING OFFICE
1916

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LETTER OF TRANSMITTAL.

DEPARTMENT OF COMMERCE,
BUREAU OF THE CENSUS,
Washington, D. C., September 20, 1916.

SIR:

I have the honor to transmit herewith Census Bulletin 134, which is a report on the production of cotton from the crop of 1915 and the consumption, imports, exports, and stocks of cotton and number of cotton spindles for the year ending July 31, 1916. The statistics were collected and compiled by this bureau under the supervision of William M. Steuart, chief statistician for manufactures, assisted by H. J. Zimmerman.

The report is presented in seven sections: (1) Supply and distribution of cotton in the United States; (2) annual production of cotton and linters in the United States, as returned by ginners and delinters, distributed by states and counties, from 1911 to 1915, inclusive, with production for previous years; (3) consumption and stocks of cotton and number of cotton spindles in the United States for the year ending July 31, 1916, together with detailed statistics of spindles, cotton consumed, and cotton on hand, including comparative figures for previous years; (4) imports and exports of cotton for the year ending July 31, 1916, with comparative figures for previous years, and imports and exports of cotton goods; (5) world's cotton production, by countries; (6) the world's spindles and consumption of cotton; and (7) the manufacture of cottonseed products as returned at the census of manufactures covering the season of 1913–14, and cotton seed crushed and linters produced to specified dates during the season of 1915–16.

In conformity with the act of Congress approved July 22, 1912, there were published, during the season of 1915–16, ten preliminary reports of cotton ginned to specified dates and twelve reports giving for each month statistics of the quantity of cotton and linters consumed, the quantity on hand in consuming establishments and in public storage and at compresses, the quantity imported, the quantity exported, and the number of active consuming cotton spindles. The statistics of imports show the countries of production, and those of exports the principal countries to which exported. The present report gives the aggregation of the facts included in the preliminary statements, and covers, respectively, the seventeenth and twelfth consecutive years for which statistics of cotton ginned and of cotton consumed and cotton stocks have been collected and published by this bureau. Four reports of cotton seed crushed and linters produced were also collected as follows: To December 1, to January 1, to March 1, and for the season.

The act of Congress approved August 7, 1916, provides for the collection of monthly reports from the cotton-seed-oil mills on seed received, crushed, and on hand, and on products manufactured, shipped, and on hand, and from refiners, brokers, exporters, and consumers on stocks of crude and refined cottonseed oil on hand; also for quarterly reports on raw and prepared cotton fiber used in the manufacture of guncotton and explosives of all kinds, and of absorbent and medicated cotton. The reports on cotton to be issued during the season of 1916–17 will accordingly cover these inquiries, in addition to those covered in the reports published during the past season.

Respectfully,

SAM. L. ROGERS,
Director of the Census.

To Hon. WILLIAM C. REDFIELD,
Secretary of Commerce.

SUPPLY AND DISTRIBUTION OF COTTON IN THE UNITED STATES.

Table 1 summarizes the statistics for the supply and distribution of cotton and of linters in the United States for the 12 months ending July 31, 1915 and 1916. Detailed figures for the various items making up the supply and distribution are presented in the tables appearing elsewhere in the report.

TABLE 1.—SUPPLY AND DISTRIBUTION OF COTTON AND OF LINTERS IN THE UNITED STATES FOR THE 12 MONTHS ENDING JULY 31: 1915 AND 1916.

[Quantities are given in running bales, except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales.]

	TOTAL (BALES).		COTTON EXCLUSIVE OF LINTERS (BALES).		LINTERS (BALES).	
	1916	1915	1916	1915	1916	1915
SUPPLY.						
Aggregate	16,972,895	18,913,660	15,527,994	17,891,154	1,444,901	1,022,506
On hand at beginning of year	4,324,890	1,547,448	3,936,104	1,365,864	388,786	181,584
In consuming establishments	1,600,090	989,980	1,401,185	905,762	198,905	84,218
In cotton-growing states	673,731	347,664	577,201	326,953	96,530	20,711
In all other states	926,359	642,316	823,984	578,809	102,375	63,507
In public storage and at compresses	1,874,800	457,468	1,784,919	425,102	89,881	32,366
Elsewhere (estimated)	850,000	100,000	750,000	35,000	100,000	65,000
Net imports	420,995	363,595	420,995	363,595	(1)	(1)
Ginnings	12,012,813	16,738,241	11,068,173	15,905,840	944,640	832,401
To balance distribution	214,197	264,376	102,722	255,855	111,475	8,521
DISTRIBUTION.						
Aggregate	16,972,895	18,913,660	15,527,994	17,891,154	1,444,901	1,022,506
Exported	6,191,110	8,544,563	5,895,672	8,322,688	295,438	221,875
Consumed	7,278,529	6,009,207	6,397,613	5,597,362	880,916	411,845
In cotton-growing states	3,977,130	3,193,353	3,527,528	3,026,969	449,602	166,384
In all other states	3,301,399	2,815,854	2,870,085	2,570,393	431,314	245,461
Destroyed by fire	100,000	35,000	95,000	35,000	5,000	.....
On hand at end of year	3,403,256	4,324,890	3,139,709	3,936,104	263,547	388,786
In consuming establishments	1,732,686	1,600,090	1,632,245	1,401,185	100,441	198,905
In cotton-growing states	718,117	673,731	684,654	577,201	33,463	96,530
In all other states	1,014,569	926,359	947,591	823,984	66,978	102,375
In public storage and at compresses	1,220,570	1,874,800	1,107,464	1,784,919	113,106	89,881
Elsewhere (estimated)	450,000	850,000	400,000	750,000	50,000	100,000

[1] Included in statistics of cotton imported.

The supply of cotton in the United States for the year ending July 31, 1916, amounted to 15,527,994 bales, and of linters to 1,444,901 bales, making a total for cotton and linters combined of 16,972,895 bales. This total compares with 18,913,660 bales in 1915, which included the record crop of 1914. The extent of the supply for any season of course depends almost entirely upon the ginnings during the year, this item being the most important one in making up the total. As a result, the differences in the supply of cotton practically represent the differences in the size of the crops produced in the United States, since stocks carried forward and the net imports are too small, as a rule, to affect the totals materially.

Of the total supply of cotton for 1916, 6,492,613 bales, or 41.8 per cent, including the quantity destroyed by fire, were consumed in this country; 5,895,672 bales, or 38 per cent, were exported; and 3,139,709 bales, or 20.2 per cent, remained in the country at the close of the year. Of the linter supply, 885,916 bales were consumed in this country, 295,438 bales exported, and 263,547 bales held in the country at the close of the year. The mill consumption of cotton and of linters in the United States in 1916 was the largest in the history of the country, exceeding that for 1915, the next largest, by 800,251 bales of cotton and 469,071 bales of linters. The exports, while large, have been exceeded by those of a number of other years.

Stocks of cotton in the United States at the close of July, 1916, amounted to 3,139,709 bales, and of linters to 263,547 bales, a total of 3,403,256 bales. This amount was exceeded by the quantity held on July 31, 1915, following the large crop of 1914 and the reduced foreign movement due to the European war. Cotton held in consuming establishments amounted to 1,632,245 bales, which compares with 1,401,185 bales for the preceding year. On the basis of the

consumption during the past year, the stocks held in consuming establishments July 31, 1916, represent about a three-months' supply for the American mills.

COMPARATIVE DATA.

Formerly statistics of linters were included with those of cotton in making up the figures for the supply and distribution, and only since September 1, 1913, have data of linters exported been available, thus permitting the presentation of complete statistics of lint cotton separately. Table 2, which gives comparative statistics for the supply and distribution of cotton since the inauguration of these reports by the Bureau of the Census, necessarily combines the data for cotton and linters.

TABLE 2.—SUPPLY AND DISTRIBUTION OF COTTON AND LINTERS IN THE UNITED STATES: 1906 TO 1916.

[The statistics for 1915 and 1916 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31. Quantities are given in running bales except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales.]

	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906
SUPPLY.											
Aggregate	16,972,895	18,913,660	16,492,408	16,275,734	17,896,226	13,873,423	12,188,021	15,312,885	13,358,707	15,025,720	13,047,219
On hand at beginning of year, total	4,324,890	1,547,448	1,648,438	1,776,885	1,375,031	1,040,040	1,483,585	1,236,058	1,514,567	1,349,139	1,934,548
In consuming establishments, total	1,600,090	989,980	778,158	870,646	542,191	533,232	907,097	594,184	1,016,738	680,471	776,801
In cotton-growing states	673,731	347,664	234,509	241,611	101,114	121,349	186,458	112,471	311,307	184,060	232,928
In all other states	926,359	642,316	543,649	629,035	441,077	411,883	720,639	481,713	705,431	496,411	543,873
In public storage and at compresses	1,874,890	457,468	495,280	556,239	432,840	306,808	325,099	444,626	388,919	668,668	1,157,747
Elsewhere (estimated)	850,000	100,000	375,000	350,000	400,000	200,000	251,389	197,248	108,910		
Net imports	420,995	363,595	265,646	225,460	229,268	231,191	151,395	165,451	140,869	202,733	133,464
Ginnings	12,012,813	16,738,241	14,290,320	14,159,078	16,068,936	12,384,248	10,350,978	13,418,144	11,527,833	13,097,992	10,656,498
To balance distribution	214,197	264,376	288,004	114,311	222,991	217,944	202,063	493,232	175,438	375,836	322,709
DISTRIBUTION.											
Aggregate	16,972,895	18,913,660	16,492,408	16,275,734	17,896,226	13,873,423	12,188,021	15,312,885	13,358,707	15,025,720	13,047,219
Exported	6,191,110	8,544,563	8,914,839	8,800,966	10,681,758	7,781,414	6,339,028	8,574,024	7,573,349	8,503,265	6,763,041
Consumed, total	7,278,529	6,009,207	5,884,733	5,786,330	5,367,583	4,704,978	4,798,953	5,240,719	4,539,090	4,984,936	4,909,279
In cotton-growing states	3,977,130	3,193,353	3,023,415	2,960,518	2,712,223	2,328,487	2,292,333	2,553,797	2,187,096	2,410,908	2,373,577
In all other states	3,301,399	2,815,854	2,861,318	2,825,812	2,655,360	2,376,491	2,506,620	2,686,922	2,351,994	2,573,943	2,535,702
Destroyed by fire	106,000	35,000	45,000	40,000	70,000	12,000	10,000	14,557	10,210	22,952	25,760
On hand at end of year, total	3,403,256	4,324,890	1,647,836	1,648,438	1,776,885	1,375,031	1,040,040	1,483,585	1,236,058	1,514,567	1,349,139
In consuming establishments, total	1,732,686	1,600,090	751,219	778,158	870,646	542,191	533,232	907,097	594,184	1,016,738	680,471
In cotton-growing states	718,117	673,731	213,418	234,509	241,611	101,114	121,349	186,458	112,471	311,307	184,060
In all other states	1,014,569	926,359	537,801	543,649	629,035	441,077	411,883	720,639	481,713	705,431	496,411
In public storage and at compresses	1,220,570	1,874,800	576,617	495,280	556,239	432,840	306,808	325,099	444,626	388,919	668,668
Elsewhere (estimated)	450,000	850,000	320,000	375,000	350,000	400,000	200,000	251,389	197,248	108,910	

METHOD OF COLLECTING AND ASSEMBLING DATA.

The data relative to cotton ginned have been collected by local agents of the Census Bureau who canvassed the ginners and delinters. Information as to cotton and linters consumed, stocks held in consuming establishments, and stocks in public storage and at compresses has been secured by these same local agents in the cotton-growing states; in all other states it has been obtained by correspondence. Stocks at ports, generally known as "port stocks," are included in the census reports as stocks held in consuming establishments, in public storage and at compresses, and elsewhere, respectively. The statistics of imports and exports have been compiled by the Bureau of Foreign and Domestic Commerce, Department of Commerce.

The supply of cotton for the year comprises the stocks held at the beginning of the year, together with the net imports of cotton and the amount of cotton ginned.

The statistics showing the distribution of the supply give the quantity of cotton used in manufacture during the year, the amount destroyed by fire, that exported, and stocks in the country at the close of the year. The total for stocks held is made up of the quantity in consuming establishments both in the cotton-growing states and in all other states, that held in public storage and at compresses, and the estimated amount held elsewhere.

To secure complete data regarding the stocks it would be necessary to canvass all agencies which handle cotton and linters. There are approximately 2,000,000 growers, 25,000 ginners, 900 cottonseed-oil mills, 3,200 public storage places, and 2,100 cotton-consuming establishments. In addition, there are numerous transportation companies, local buyers, merchants, and others who handle more or less cotton during the season. It is manifestly impracticable to obtain monthly reports from so many agencies, and the Bureau of the Census has, therefore, adopted the plan of securing individual reports of the quantity of cotton and linters consumed during each month, and of stocks on hand in consuming establishments and in independent warehouses, compresses, and other public storage places at the end of the month.

In order to present a comprehensive statement of the distribution of the supply of cotton and linters, however, it is necessary to include the item of stocks held "elsewhere"—that is, the quantity of baled cotton in the actual possession of merchants, buyers, ginners, transportation companies, and producers, mentioned above as not having been canvassed. Full consideration has been given to all the factors entering into the situation in arriving at the quantity so held on July 31, 1916, and the amount has been estimated

at 400,000 bales of cotton and 50,000 bales of linters. These amounts, while conjectural, are believed to be approximately correct.

The supply of cotton for the season of 1915–16, as computed from the stocks at the beginning of the year and the imports and the ginnings during the year, falls short 102,722 bales of the total quantity consumed in manufacture, destroyed by fire, exported, and held as stocks at the end of the year, and this amount is accordingly entered in the table under the heading, "To balance distribution."

It is to be expected that the figures for the total supply, as thus computed, will not equal those for the total distribution, as a number of conditions affect these data. Among the factors responsible for this difference may be named the following: (1) The inclusion of rebaled samples, commonly called "city crop," in the statistics of distribution; (2) the lack of uniformity on the part of manufacturers and others in returning stocks; and (3) an understatement by ginners of the quantity of cotton produced, due largely to their inability to make accurate estimates at the time of the March canvass of the quantity of cotton remaining to be ginned. It is impossible to state, with any degree of accuracy, how much any one of these factors contributes to the difference. The amount due to each, no doubt, varies in different seasons, but a considerable part of the difference between the figures for supply and those for distribution in any season is certainly attributable to the first-named cause. Between the time a bale of cotton leaves the ginnery and the time it reaches the consumer it is "sampled" a number of times—that is, small quantities of the fiber are extracted from the bale by successive bidders for use in determining its grade and value. Those samples, with other cotton from time to time separated from the original packages, are rebaled, and such bales are counted in the statistics of exports, consumption, and stocks. Statistics of supply based upon an enumeration of the bales at the ginneries before any samples have been removed show, therefore, a smaller number of bales than the statistics of exports, consumption, and stocks on hand combined, although there is present in each case the same amount of cotton. The amount of this rebaled cotton varies in different seasons with the size of the crop and because of other conditions.

The supply of linters as computed also falls short of the distribution by 111,475 bales. This is accounted for almost entirely by the inclusion of bleached linters and possibly bleached hull fiber in the statistics of linters exported. This has resulted in some duplication, since the raw linters bleached have been reported as consumed by the manufacturers engaged in this work. While full data concerning the exports of bleached linters are not available from the information at hand, the total for the year is believed to be not far from 100,000 bales. The Bureau of Foreign and Domestic Commerce has arranged to collect data of bleached linters exported, and duplication of this character for the season of 1916–17 will be eliminated.

PERIODICAL COTTON REPORTS.

During the season of 1916–17, as heretofore, practically semimonthly reports of cotton ginned will be issued. The dates to which the statistics of these reports will relate and the dates on which they are expected to be published are presented in the following schedule:

GINNING REPORTS TO BE ISSUED DURING THE SEASON OF 1916–17.

REPORT NO.	Date to which report relates (close of business).	Date of publication (10 a. m.).
1	Aug. 31	Sept. 8
2	Sept. 24	Oct. 2
3	Oct. 17	Oct. 25
4	Oct. 31	Nov. 8
5	Nov. 13	Nov. 21
6	Nov. 30	Dec. 8
7	Dec. 12	Dec. 20
8	Dec. 31	Jan. 9
9	Jan. 15	Jan. 23
10	Feb. 28	Mar. 20

The statistics in these reports show conditions at the close of business on the days to which the reports relate. For every report the canvassing agents are given approximately one week in which to visit the ginneries and secure the returns. Summaries showing the number of bales ginned to a specified date are telegraphed to the bureau on the last day of the canvass. On the following morning the figures in these summaries are added and the results given to the public at 10 o'clock.

At the time of telegraphing the summaries the agents are required to mail the individual returns of the ginneries which they have collected and used in preparing the summaries. This method affords a check on the statistics in the report, as the returns are examined and added in the bureau and necessary revisions made in the figures of the published preliminary reports.

There will be monthly reports of cotton and linters consumed, imported, exported, and on hand, and of active consuming cotton spindles. Each of these will relate to a calendar month and will be published about the 14th of the succeeding month.

Monthly reports concerning cotton seed and cottonseed products will be collected in compliance with the act of Congress approved August 7, 1916. These reports will show for the oil mills the quantities of cotton seed received, crushed, and on hand, and the quantities of cottonseed products manufactured, consumed, shipped out, and on hand, and for the refineries the quantities of crude and refined oil consumed and on hand.

The law mentioned above also requires quarterly reports of cotton fiber used in the manufacture of gun-cotton and explosives of all kinds, and of absorbent and medicated cotton. The data will be collected and the reports published as soon as possible after the close of each quarter.

DISTRIBUTION OF REPORTS.

Within a few hours after the information has been made public all preliminary reports are printed on preaddressed cards and mailed to all ginners, manufacturers, warehousemen, and cottonseed-oil manufacturers, and to all other persons who have requested them. This method of using preaddressed post cards permits a more rapid distribution than would otherwise be possible. Newspapers are furnished with county totals of cotton ginned, thus providing interesting and valuable information to those most directly concerned. In addition, postmasters are provided with large cards showing the quantity ginned to each report date and are instructed to post them in conspicuous places.

COTTON PRODUCTION IN THE UNITED STATES.

Table 3 is a comparative summary of the production of cotton and linters in the United States from 1899 to 1915, inclusive, as ascertained from the reports of ginners and delinters.

These statistics are given in running bales and in equivalent 500-pound bales and show separately the number of upland square, upland round, sea-island, and linter bales.

TABLE 3.—COMPARATIVE SUMMARY—COTTON AND LINTER PRODUCTION: CROPS OF 1899 TO 1915.

GROWTH YEAR.	COTTON (EXCLUSIVE OF LINTERS).						LINTERS.	
	Running bales, counting round as half bales.	Equivalent 500-pound bales.	Running bales.				Running bales.	Equivalent 500-pound bales.
			Total.	Upland.		Sea-island.		
				Square.	Round.			
1915	11,068,173	11,191,820	11,124,031	10,920,471	111,716	91,844	944,640	931,141
1914	15,905,840	16,134,930	15,934,649	15,795,377	57,618	81,654	832,401	856,900
1913	13,982,811	14,156,486	14,032,792	13,855,267	99,962	77,563	631,153	638,881
1912	13,488,539	13,703,421	13,529,303	13,373,998	81,528	73,777	602,324	609,594
1911	15,553,073	15,692,701	15,603,850	15,383,003	101,554	119,293	556,276	557,575
1910	11,568,334	11,608,616	11,624,777	11,421,522	112,887	90,368	397,628	397,072
1909	10,072,731	10,004,949	10,148,076	9,902,595	150,690	94,791	313,478	310,433
1908	13,086,005	13,241,799	13,207,157	12,870,994	242,305	93,858	346,126	345,507
1907	11,057,822	11,107,179	11,157,096	10,871,652	198,549	86,895	268,060	268,282
1906	12,983,201	13,273,809	13,117,310	12,791,541	268,219	57,550	322,064	321,689
1905	10,495,105	10,575,017	10,635,023	10,242,648	279,836	112,539	230,497	229,539
1904	13,451,337	13,438,012	13,599,412	13,198,944	296,151	104,317	245,973	241,942
1903	9,819,969	9,851,129	10,205,073	9,359,472	770,208	75,393	195,752	194,486
1902	10,588,250	10,630,945	11,078,882	9,992,665	981,264	104,953	196,223	196,223
1901	9,582,520	9,509,745	9,954,945	9,132,215	744,851	77,879	166,026	166,026
1900	10,102,102	10,123,027	10,486,148	9,629,762	768,092	88,294	143,500	143,500
1899	9,393,242	9,345,391	9,645,974	9,043,231	505,464	97,279	114,544	114,544

The quantity of cotton reported for the crop of 1915, counting round as half bales and excluding linters, is 11,068,173 running bales. Expressed in bales of 500 pounds gross weight, the crop amounted to 11,191,820 bales. Compared with the crop of 1914 (16,134,930 bales), there was a reduction of 4,943,110 bales, or 30.6 per cent. The crop of 1915 was the smallest produced since 1907, with the exception of that grown in 1909, which amounted to only 10,004,949 bales.

Practically the entire production of cotton in the United States is upland, which includes a number of long-staple varieties. Less than 1 per cent of the total crop of 1915 was of the sea-island variety. Although the production of sea-island cotton during the period covered by the table shows variations from 57,550 running bales in 1906 to 119,293 in 1911, there has been no general tendency toward an increase or a decrease in the production of this variety.

The production of linters shows a marked increase during the period covered by the table—from 114,544 equivalent 500-pound bales in 1899 to 931,141 bales in 1915. The quantity in 1915 shows an increase of 74,241 bales over that in 1914, notwithstanding the large reduction in the cotton crop. The gain in the output of linters in recent years has been due, in part, to the closer delinting of the seed for the better separation of the meat from the hulls. The marked increase during the past season, however, may be attributed to the high price of linters, which are in great demand in the manufacture of explosives. Some mills now obtain in excess of 150 pounds of linters per ton of seed treated, whereas formerly few obtained as much as 50 pounds. The proportion of the crop of 1915 delinted was larger than for any prior crop, some of the seed used for planting even being passed through the machines. Detailed information regarding cotton seed crushed and linters obtained is presented on pages 59 to 68, where are also given the results of the census of manufactures for the cottonseed-products industry covering the season of 1913–14.

PRODUCTION, BY STATES.

Table 4 shows, by states, the quantity of cotton produced from the crops of 1911 to 1915, inclusive, the percentage of the total crop represented by the crop of each state, the rank of each state according to quantity produced, and the production of linters. The production of cotton for earlier years is shown in Tables 15 and 36.

Eliminating California, the cotton crop of 1915 is the smallest in each of the states for any year covered by Table 4, with the exceptions of Arkansas, Georgia, and Tennessee in 1912. The production in Oklahoma showed the greatest proportionate reduction when compared with 1914, being only a trifle more than one-half as large as for the earlier year.

TABLE 4.—PRODUCTION, BY STATES, OF UPLAND AND SEA-ISLAND COTTON, WITH PERCENTAGE OF THE TOTAL CROP REPORTED FROM EACH STATE, AND RANK OF EACH STATE IN THE PRODUCTION OF COTTON; ALSO THE PRODUCTION OF LINTERS: 1911 TO 1915.

STATE.	Growth year.	COTTON PRODUCED (EXCLUSIVE OF LINTERS).							Per cent of total ginned.[1]	Rank in production.[1]	LINTERS.		
		Running bales, counting round as half bales.	Equivalent 500-pound bales.		Running bales.						Running bales.	Equivalent 500-pound bales.	
			Gross.	Net.	Total.	Upland.		Sea-island.				Gross.	Net.
						Square.	Round.						
United States	1915	11,068,173	11,191,820	10,708,812	11,124,031	10,920,471	111,716	91,844	100.0		944,640	931,141	889,577
	1914	15,905,840	16,134,930	15,437,955	15,934,649	15,795,377	57,618	81,654	100.0		832,401	856,900	820,274
	1913	13,982,811	14,156,486	13,544,703	14,032,792	13,855,267	99,962	77,563	100.0		631,153	638,881	611,110
	1912	13,488,539	13,703,421	13,113,000	13,529,303	13,373,998	81,528	73,777	100.0		602,324	609,594	583,001
	1911	15,553,073	15,692,701	15,012,853	15,603,850	15,383,003	101,554	119,293	100.0		556,276	557,575	533,099
Alabama	1915	1,025,818	1,020,839	975,702	1,025,818	1,025,818			9.1	4	79,220	76,879	73,393
	1914	1,731,751	1,751,375	1,675,178	1,731,751	1,731,751			10.8	3	69,924	71,182	68,106
	1913	1,483,669	1,495,485	1,430,385	1,489,326	1,478,011	11,315		10.6	3	53,860	53,960	51,590
	1912	1,328,297	1,342,275	1,283,978	1,332,928	1,323,666	9,262		9.8	3	38,839	39,161	37,452
	1911	1,695,284	1,716,534	1,642,143	1,701,585	1,688,982	12,603		10.9	3	40,667	40,673	38,884
Arkansas	1915	789,583	816,002	781,314	791,281	787,884	3,397		7.3	6	58,277	58,030	55,466
	1914	999,237	1,016,170	972,238	1,000,309	998,164	2,145		6.3	7	46,242	48,165	46,130
	1913	1,038,293	1,072,846	1,027,247	1,040,987	1,035,600	5,387		7.6	6	40,671	42,049	40,259
	1912	770,937	792,048	758,167	772,170	769,704	2,466		5.8	8	34,084	35,106	33,606
	1911	908,014	939,302	899,396	909,465	906,563	2,902		6.0	8	31,836	32,994	31,593
California	1915	28,586	28,551	27,293	28,586	28,586			0.2	13	(2)	(2)	(2)
	1914	48,374	49,835	47,706	48,374	48,374			0.3	13	(2)	(2)	(2)
	1913	22,411	22,838	21,852	22,411	22,411			0.1	14	(2)	(2)	(2)
	1912	7,934	8,215	7,866	7,934	7,934			0.1	14	(2)	(2)	(2)
	1911	9,817	9,790	9,359	9,817	9,817			0.1	14	(2)	(2)	(2)
Florida	1915	55,354	47,831	46,070	55,354	27,260		28,094	0.4	12	(2)	(2)	(2)
	1914	90,648	81,255	78,074	90,648	56,986		33,662	0.5	12	3,060	3,249	3,114
	1913	66,700	58,695	56,374	66,700	41,113		25,587	0.4	12	2,621	2,409	2,293
	1912	58,833	52,760	50,707	58,833	36,499		22,334	0.4	12	1,415	1,283	1,220
	1911	94,471	83,388	80,222	94,471	53,201		41,270	0.5	12	1,955	1,693	1,607
Georgia	1915	1,937,730	1,908,673	1,824,795	1,937,730	1,880,158		57,572	17.1	2	182,683	178,249	170,211
	1914	2,723,094	2,718,037	2,599,238	2,723,094	2,680,699		42,395	16.8	2	141,478	139,885	133,660
	1913	2,346,237	2,316,601	2,214,406	2,346,237	2,302,932		43,305	16.4	2	110,629	108,799	103,931
	1912	1,812,778	1,776,546	1,697,833	1,812,778	1,769,042		43,736	13.0	2	76,185	74,909	71,557
	1911	2,794,295	2,768,627	2,647,428	2,794,295	2,721,391		72,904	17.6	2	80,313	77,172	73,038
Louisiana	1915	336,813	341,063	326,257	337,244	336,383	861		3.1	9	31,734	31,609	30,212
	1914	452,261	449,458	429,578	452,852	451,670	1,182		2.8	9	24,689	25,851	24,765
	1913	436,865	443,821	424,627	437,729	436,000	1,729		3.1	9	21,823	22,368	21,408
	1912	374,793	376,096	359,625	375,399	374,187	1,212		2.7	9	17,927	18,398	17,609
	1911	380,826	384,597	367,873	381,859	379,794	2,065		2.5	10	18,592	18,885	18,067
Mississippi	1915	925,509	953,965	913,242	925,509	925,509			8.5	5	87,436	88,331	84,484
	1914	1,217,883	1,245,535	1,191,949	1,217,883	1,217,883			7.7	6	78,781	83,730	80,264
	1913	1,251,841	1,310,743	1,255,662	1,251,841	1,251,841			9.2	5	60,766	64,658	61,985
	1912	1,004,376	1,046,418	1,002,225	1,004,376	1,004,376			7.6	5	45,228	47,881	45,891
	1911	1,169,066	1,203,545	1,152,106	1,169,066	1,169,066			7.7	5	46,718	48,777	46,721
Missouri	1915	46,644	47,999	45,947	46,644	46,644			0.4	11	5,370	5,261	5,025
	1914	78,409	81,752	78,302	78,409	78,409			0.5	11	4,062	4,401	4,222
	1913	63,761	67,105	64,300	63,761	63,761			0.5	11	3,399	3,538	3,389
	1912	53,538	55,691	53,336	53,538	53,538			0.4	11	2,433	2,529	2,422
	1911	91,119	96,808	92,799	91,119	91,119			0.6	11	4,217	4,381	4,195
North Carolina	1915	737,354	699,494	667,051	737,354	737,354			6.3	7	57,599	55,177	52,643
	1914	970,479	930,631	887,930	970,479	970,479			5.8	8	45,497	44,784	42,782
	1913	837,995	792,545	755,673	837,995	837,995			5.6	8	34,998	33,321	31,781
	1912	906,351	865,653	825,774	906,351	906,351			6.3	7	28,729	26,929	25,665
	1911	1,126,276	1,075,826	1,026,270	1,126,276	1,126,276			6.9	6	30,131	28,955	27,629
Oklahoma	1915	622,176	639,626	612,787	638,946	605,405	33,541		5.7	8	54,283	54,131	51,743
	1914	1,232,638	1,262,176	1,208,525	1,250,921	1,214,355	36,566		7.8	5	68,929	74,781	71,748
	1913	842,499	840,387	803,974	863,018	821,981	41,037		5.9	7	38,536	40,867	39,171
	1912	1,005,109	1,021,250	977,722	1,026,890	983,327	43,563		7.5	6	52,016	54,857	52,569
	1911	1,016,538	1,022,092	977,972	1,035,537	997,539	37,998		6.5	7	39,260	40,830	39,103
South Carolina	1915	1,174,213	1,133,919	1,082,402	1,174,213	1,168,035		6,178	10.1	3	70,923	67,785	64,665
	1914	1,560,195	1,533,810	1,465,295	1,560,195	1,554,598		5,597	9.5	4	58,416	57,243	54,673
	1913	1,418,704	1,377,814	1,315,599	1,418,704	1,410,033		8,671	9.7	4	46,580	45,016	42,966
	1912	1,224,245	1,182,128	1,128,446	1,224,245	1,216,538		7,707	8.6	4	35,517	34,131	32,569
	1911	1,692,146	1,648,712	1,574,379	1,692,146	1,687,027		5,119	10.5	4	36,989	35,384	33,757
Tennessee	1915	296,222	303,420	290,386	296,222	296,222			2.7	10	57,834	57,963	55,418
	1914	372,068	383,517	367,146	372,068	372,068			2.4	10	41,601	43,904	42,073
	1913	366,786	379,471	363,332	366,786	366,786			2.7	10	34,671	35,739	34,214
	1912	267,439	276,546	264,778	267,439	267,439			2.0	10	22,292	23,247	22,266
	1911	430,027	449,787	430,816	430,027	430,027			2.9	9	28,815	29,408	28,141
Texas	1915	3,068,852	3,227,480	3,093,634	3,105,811	3,031,894	73,917		28.8	1	243,491	241,675	230,961
	1914	4,390,200	4,592,112	4,399,227	4,399,063	4,381,338	17,725		28.5	1	238,395	248,027	237,538
	1913	3,773,024	3,944,970	3,779,605	3,793,271	3,752,777	40,494		27.9	1	176,202	179,525	171,772
	1912	4,645,309	4,880,210	4,676,217	4,657,822	4,632,797	25,025		35.6	1	243,314	246,638	235,932
	1911	4,107,152	4,256,427	4,076,448	4,130,145	4,084,159	45,986		27.1	1	190,096	191,221	182,856
Virginia	1915	16,357	15,809	15,089	16,357	16,357			0.2	14			
	1914	25,277	25,222	24,110	25,277	25,277			0.2	14			
	1913	24,569	23,490	22,409	24,569	24,569			0.2	13			
	1912	25,499	24,398	23,276	25,499	25,499			0.2	13			
	1911	31,099	29,891	28,523	31,099	31,099			0.2	13			
All other states[3]	1915	6,962	7,149	6,843	6,962	6,962			0.1		15,790	16,051	15,356
	1914	13,326	14,045	13,459	13,326	13,326			0.1		11,327	11,698	11,199
	1913	9,457	9,675	9,258	9,457	9,457			0.1		6,397	6,632	6,351
	1912	3,101	3,187	3,050	3,101	3,101			0.0		4,345	4,525	4,333
	1911	6,943	7,425	7,119	6,943	6,943			0.0		6,687	7,202	6,908

[1] Based on equivalent 500-pound bales, excluding linters.
[2] Included in "All other states," to avoid disclosure of individual operations.
[3] Includes Arizona, Kansas, Kentucky, and New Mexico, and the linter production of California, Florida, and Illinois.

The Imperial Valley, in the southern part of California, is well adapted to the cultivation of cotton. This section has a very rich soil, a warm climate, a long season, and, situated as it is on a lower level than the Colorado River, the further advantage of being easily irrigated. The yield is high and the staple has length, strength, and uniformity, characteristics which are very desirable, and due, in part, to the absence of periods of drought or of excessive rains. The high cost of labor for picking cotton, however, is a drawback, while the suitability of the land for other crops undoubtedly restricts, to some extent, this culture. Cotton has been grown in this locality on a commercial basis for only a few years. There were 5,986 equivalent 500-pound bales ginned in 1910, 9,790 in 1911, 8,215 in 1912, 22,838 in 1913, 49,835 in 1914, and 28,551 in 1915. According to the estimates of the Department of Agriculture, the area in cotton this year is 98,000 acres, more than twice the acreage in cultivation a year ago.

The statistics for California include cotton grown in Mexico (Lower California) and brought into this country to be ginned. The same conditions of soil and climate are found in the Mexican portion of the Imperial Valley as in the American, while the cost of cultivating and picking is less because of the availability of Chinese labor. According to official reports, the quantity of unginned cotton imported into the customs district of southern California during the year ending July 31, 1915, produced about 21,000 bales of lint. All of this cotton came from Mexico.

The production of cotton in Arizona for 1915 showed a large decrease from the crop of 1914, the production for this state for the last three years being 2,299 bales in 1913, 7,142 bales in 1914, and 1,981 bales in 1915. The production in 1916 will likely show a material increase, since the estimated acreage planted this year is much greater. The larger portion of the cotton grown in this state has the same characteristics as the cotton grown in Egypt, having been propagated from seed brought from that country. The cotton is grown on irrigated land and the average yield is high. The suitability of the land for growing other and possibly more remunerative crops, however, will tend to restrict cotton cultivation in this state.

"BOLLY" COTTON.

At the close of each cotton season more or less cotton is damaged by frost, and the bolls do not open fully. Formerly this cotton was considered worthless and no attempt was made to save it. The high price of cotton in recent years, however, has resulted in the devising of machinery for handling unopened bolls. These machines thrash out the seed cotton, after which it is passed to the gins, where it is treated in the same way as hand-picked seed cotton. The quantity of this cotton, usually called "bollies," is increasing, many establishments, particularly in the western part of the cotton belt, having installed the necessary machinery for treating it.

Because of the difficulty and expense of getting cotton picked late in the season, many growers deem it preferable at the last picking to snap the opened and partially opened bolls with the unopened ones and send all through the same machinery. While the grade, and consequently the price, of a portion of this mixed cotton is lowered, the loss on this account is practically balanced by the margin of expense saved by the easier method of gathering. This cotton is sometimes, though not uniformly, classed as "bollies." Nearly all of this snapped cotton is produced in Texas and Oklahoma, where the winds dry out the cotton in the unopened frost-bitten bolls.

COTTON INSECT PESTS.

Cotton growers in the United States have suffered serious damage because of the ravages of the boll weevil. Notwithstanding the efforts on the part of the National and State Governments and of individuals, it has not been possible to eradicate this pest. However, by seed selection, plant improvement, and better methods of cultivation and fertilization, the development of the cotton plant has been so advanced before the activities of the weevil begin as to curtail very materially the damage that may be done by it.

Insect pests of various kinds cause great damage to the growers of cotton in India, Egypt, Brazil, and other foreign countries. Because of the discovery of live pink boll worms in recent importations of cotton seed intended for planting and of raw cotton intended for spinning, rigid quarantine measures have been established for the safeguarding of the culture in this country.

The following statement concerning the activities of the boll weevil during the past season and of the work of the Department of Agriculture in preventing the introduction of other destructive insects into American cotton fields has been prepared by the Bureau of Entomology of the Department of Agriculture:

Cotton insect pests in 1915.—The cotton crop of 1915 in general was not seriously injured by insect pests other than the boll weevil. The unusual spread of the weevil in August, due to cyclonic disturbances and high winds, resulted in severe damage in many sections in the latter part of the season. The season was not brought to a close in south Georgia until December and the movement of the weevil continued until the 27th of that month. The most important features of the year were the invasion of 13,400 square miles of territory in Georgia and 1,700 square miles in Tennessee, neither of which states has ever before been infested, the infestation of 11 sea-island cotton counties of Florida and Georgia, the regaining of all lost territory in central Texas and Oklahoma, and the complete infestation of Mississippi.

The territory invaded in 1915 included 86,840 square miles, the greatest gain ever made by the weevil in a single year. There were no compensating losses of territory. The total area now infested amounts to 409,140 square miles. The progress of the insect is shown on the map on page 32.

Protection against foreign insect pests.—The boll weevil is an illustration of the fact that many of the most injurious insect pests

now found in the United States are of foreign origin. There is another cotton pest known as the pink boll worm which does not occur in the United States but which causes serious losses in Egypt, India, and other countries. This insect lives in the seeds of the cotton plant and may be readily transported from one part of the world to another. There is every indication that it would be able to establish itself in the United States and would add enormously to the annual losses which cotton planters suffer as a result of insect attack.

On account of this danger, the Federal Horticultural Board of the Department of Agriculture promulgated a quarantine in 1913, in which the introduction of foreign cotton seed was prohibited. Some time after this quarantine went into operation it was found that considerable quantities of seed occur in bales of lint, in some cases as many as 1,000 seeds per bale. It therefore became necessary to devise some means of treating the bales of foreign cotton arriving at American ports in such a way as to destroy the insects. After many experiments it was found that the most feasible way of disinfecting the bales was to fumigate them in vacuum chambers with hydrocyanic-acid gas. The method was perfected late in 1915, and the quarantine which originally affected only foreign cotton seed was extended to include bales of lint from all foreign countries, with a proviso that these would be admitted after fumigation under the supervision of the board. This quarantine took effect on February 1, 1916, and resulted in the construction of fumigation establishments—two at Boston and others at New York, Newark, and San Francisco. Since the 1st of February 139,065 bales of cotton have been fumigated, the bulk of it at the port of Boston. The process is found to be economical and does not interfere with the rapid movement and distribution of the cotton. This fumigation has been supplemented by the screening and inspection of mills using foreign cotton and the requirement of the burning of any class of waste which includes seeds. This provision has especial reference to the stocks of foreign cotton which arrived in this country prior to the inauguration of fumigation.

It is believed that the system of fumigation which is now in operation gives the United States complete protection against foreign insect pests. The cost of the protection is inconsiderable in comparison with the losses which would probably result from the introduction of any of the several foreign pests, including the pink boll worm.

COTTON AND LINTERS REMAINING TO BE GINNED.

The special agents, who are regularly employed by this bureau to collect statistics of the production, consumption, and stocks of cotton and linters, were required at the March or final canvass of the ginners to obtain an estimate from each ginner of the number of bales of cotton remaining to be ginned, and from each cottonseed-oil mill of the number of bales of linters to be obtained by reginning cotton seed after tne date of the canvass. These amounts, which are included in the total production for the crop year, are shown separately, by states, in Table 5 for the crops of 1913, 1914, and 1915.

The quantity of cotton from the crop of 1915 which the ginners stated would be ginned after the date of the March canvass was 39,623 bales. This is equal to only about one-third of the corresponding amount for the crop of 1914. The comparatively small crop and the price of the staple tended to a more rapid ginning, and, consequently, less cotton remained to be ginned after the March canvass. The quantity of linters remaining to be obtained by the oil mills, 121,606 bales, is the largest returned for any year since the Bureau of the Census began to collect statistics of this character. The closer delinting of the seed, due to the great demand for this fiber in the manufacture of explosives, accounts for this larger amount. Because of the large quantity of seed estimated as remaining to be crushed after the March canvass, it was decided to ask the oil mills for a report after the close of the crushing season. Accordingly, another canvass of these establishments was made in June, and the total production of linters for the season, shown in Tables 3 and 4, is the result obtained from this later canvass.

TABLE 5.—COTTON TO BE GINNED AND LINTERS TO BE OBTAINED AFTER THE MARCH CANVASS, BY STATES: 1913 TO 1915.

STATE.	COTTON AND LINTERS TO BE GINNED AFTER THE MARCH CANVASS (RUNNING BALES, COUNTING ROUND AS HALF BALES).					
	Cotton, crop of—			Linters, crop of—		
	1915	1914	1913	1915	1914	1913
United States	39,623	121,528	20,267	121,606	95,360	56,803
Alabama	841	6,543	504	10,145	8,002	4,702
Arkansas	4,547	7,689	5,809	10,542	3,636	3,594
Florida	2	64	15	(1)	83	66
Georgia	1,077	13,707	1,684	30,581	18,859	13,943
Louisiana	115	2,414	668	5,816	1,772	2,057
Mississippi	4,429	17,806	4,002	11,658	6,780	8,172
North Carolina	3,101	20,008	7,758	6,317	7,550	5,779
Oklahoma	9,249	10,216	362	5,247	8,155	586
South Carolina	1,509	15,336	3,382	8,729	8,024	5,500
Tennessee	1,361	3,660	933	10,424	3,528	4,274
Texas	11,711	20,699	2,365	19,360	26,931	7,062
All other states	1,681	3,386	1,785	2,787	2,040	1,068

[1] Included in "All other states."

COTTON GINNED TO SPECIFIED DATES.

The collection of statistics of cotton ginned to specified dates was designed to place in the possession of all concerned reliable data as to the rapidity with which the cotton crop is being harvested and ginned. Statistics compiled by this method have, after a series of years, an incidental but very considerable value by reason of the deductions made possible by a careful comparison of current reports with those of previous years. The collection of data of this character was inaugurated in 1902. Three reports were made for that crop, 6 each for the crops of 1903 and 1904, and 10 for each crop since. Table 6 shows the quantity of cotton ginned to specified dates from the crops of 1902 to 1915, inclusive, and the percentage of the crop ginned to each report date. As it is not practicable before the close of the season, to express in equivalent 500-pound bales statistics of the quantity of cotton ginned, the amounts in Table 6 are in running bales, counting round as half bales and excluding linters, and the total amounts for the season, as thus obtained, are used as the bases for the percentages shown in the table.

The quantity of cotton ginned from the crop of 1915 prior to September 1 was 463,883 bales, a much smaller amount than for any preceding year since 1910. More than one-half of the total crop was ginned prior to October 18, while by November 14 almost four-fifths of the crop had been ginned.

TABLE 6.—COTTON GINNED TO SPECIFIED DATES AND THROUGHOUT THE SEASON, AND PER CENT OF TOTAL GINNED TO EACH DATE: 1902 TO 1915.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

GROWTH YEAR.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
	QUANTITY (BALES).									
1915	463,883	2,903,829	5,708,730	7,378,886	8,771,275	9,703,612	10,306,309	10,636,778	10,751,990	11,068,173
1914	480,317	3,393,752	7,619,747	9,826,912	11,668,240	13,073,386	13,972,229	14,443,146	14,915,850	15,905,840
1913	799,099	3,246,655	6,973,518	8,830,396	10,444,529	12,088,412	12,927,428	13,347,721	13,582,036	13,982,811
1912	730,884	3,007,271	6,874,206	8,869,222	10,299,646	11,854,541	12,439,036	12,907,405	13,088,930	13,488,539
1911	771,297	3,676,594	7,758,621	9,970,905	11,313,236	12,816,807	13,770,727	14,317,002	14,515,799	15,553,073
1910	353,011	2,312,074	5,423,628	7,345,953	8,780,433	10,139,712	10,695,443	11,084,515	11,253,147	11,568,334
1909	388,242	2,568,150	5,530,967	7,017,849	8,112,199	8,876,886	9,358,085	9,647,327	9,787,592	10,072,731
1908	402,229	2,590,639	6,296,166	8,191,557	9,595,809	11,008,661	11,904,269	12,465,293	12,666,203	13,086,005
1907	200,278	1,532,602	4,420,258	6,128,562	7,300,665	8,343,396	9,284,070	9,951,505	10,339,551	11,057,822
1906	407,551	2,057,283	4,931,621	6,906,395	8,562,242	10,027,868	11,112,789	11,741,039	12,176,199	12,983,201
1905	476,655	2,355,716	4,990,566	6,457,595	7,501,180	8,689,663	9,297,819	9,725,426	9,989,634	10,495,105
1904	374,821	.....	6,417,894	.....	9,786,646	.....	11,971,477	.....	12,767,600	13,451,337
1903	17,302	.....	3,706,248	.....	6,815,162	.....	8,526,244	.....	9,485,537	9,819,969
1902	.....	.....	5,683,006	.....	.....	.....	8,905,505	.....	.....	10,588,250
	PER CENT OF TOTAL.									
1915	4.2	26.2	51.6	66.7	79.2	87.7	93.1	96.1	97.1	100.0
1914	3.0	21.3	47.9	61.8	73.4	82.2	87.8	90.8	93.8	100.0
1913	5.7	23.2	49.9	63.2	74.7	86.5	92.5	95.5	97.1	100.0
1912	5.4	22.3	51.0	65.8	76.4	87.9	92.2	95.7	97.0	100.0
1911	5.0	23.6	49.9	64.1	72.7	82.4	88.5	92.1	93.3	100.0
1910	3.1	20.0	46.9	63.5	75.9	87.7	92.5	95.8	97.3	100.0
1909	3.9	25.5	54.9	69.7	80.5	88.1	92.9	95.8	97.2	100.0
1908	3.1	19.8	48.1	62.6	73.3	84.1	91.0	95.3	96.8	100.0
1907	1.8	13.9	40.0	55.4	66.0	75.5	84.0	90.0	93.5	100.0
1906	3.1	15.8	38.0	53.2	65.9	77.2	85.6	90.4	93.8	100.0
1905	4.5	22.4	47.6	61.5	71.5	82.8	88.6	92.7	95.2	100.0
1904	2.8	.....	47.7	.....	72.8	.....	89.0	.....	94.9	100.0
1903	0.2	.....	37.7	.....	69.4	.....	86.8	.....	96.6	100.0
1902	.....	.....	53.7	.....	.....	.....	84.1	.....	.....	.....

Data as to sea-island cotton ginned to specified dates are presented in Table 13 (p. 26), and similar data as to cotton put up in round bales are given in the following statement for the crops of 1909 to 1915:

NUMBER OF ROUND BALES INCLUDED IN REPORTS OF COTTON GINNED TO SPECIFIED DATES: 1909 TO 1915.

SPECIFIED DATE.	ROUND BALES GINNED TO SPECIFIED DATES: CROP OF—						
	1915	1914	1913	1912	1911	1910	1909
Sept. 1	8,947	356	7,610	7,434	7,709	10,976	11,587
Sept. 25	32,412	3,394	26,983	19,574	27,918	38,026	48,070
Oct. 18	54,783	15,235	49,030	41,745	53,858	66,183	88,716
Nov. 1	68,577	23,182	61,577	54,539	68,313	81,183	109,621
Nov. 14	82,312	31,904	74,167	62,768	75,963	93,364	123,757
Dec. 1	93,361	39,682	86,878	73,030	87,996	101,718	134,393
Dec. 13	100,925	42,796	91,686	75,772	92,790	106,486	140,024
Jan. 1	105,785	44,904	94,265	77,999	96,227	109,292	143,949
Jan. 16	106,968	50,942	96,807	78,690	97,654	111,079	146,378
Total	111,716	57,618	99,962	81,528	101,554	112,887	150,690

Ginnings to specified dates, by states and by counties.—The quantity of cotton ginned to given dates from the crops of 1909 to 1915, and the percentage of the crop ginned to each of the report dates, are shown by states in Tables 7 and 8. Considerable differences exist among the several states in the proportion of the total amount ginned to the specified dates. For instance, in 1915 almost two-thirds of the total crop of Texas had been ginned by October 18, while Tennessee showed only a little more than one-fourth.

The quantity of cotton from the crop of 1915 ginned to each of the report dates is given by counties in Table 58 (pp. 81 to 90). This table permits a close study of the rapidity with which cotton is ginned in various localities and enables the making of analyses which are both interesting and valuable. An examination of the table shows that in a number of counties in southern Texas a large part of the crop is harvested and ginned prior to September 1, and that by September 25 about 75 per cent of the crop is ginned, a few of the counties in the extreme southern part practically completing the cotton harvest by November 1.

TABLE 7.—COTTON GINNED TO SPECIFIED DATES AND THROUGHOUT THE SEASON, BY STATES: 1909 TO 1915.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

STATE.	Growth year.	COTTON GINNED TO—								Total.
		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
United States	1915	463,883	2,903,829	5,708,730	7,378,886	8,771,275	9,703,612	10,306,309	10,636,778	10,751,990	11,068,173
	1914	480,317	3,393,752	7,619,747	9,826,912	11,668,240	13,073,386	13,972,229	14,443,146	14,915,850	15,905,840
	1913	799,099	3,246,655	6,973,518	8,830,306	10,444,529	12,088,412	12,927,428	13,347,721	13,582,036	13,982,811
	1912	730,884	3,007,271	6,874,206	8,869,222	10,209,646	11,854,541	12,439,036	12,907,405	13,088,930	13,488,539
	1911	771,297	3,676,594	7,758,621	9,970,905	11,313,236	12,816,807	13,770,727	14,317,902	14,515,799	15,553,073
	1910	353,011	2,312,074	5,423,628	7,345,953	8,780,433	10,139,712	10,695,443	11,084,515	11,253,147	11,568,334
	1909	388,242	2,568,150	5,530,967	7,017,849	8,112,199	8,876,886	9,358,085	9,647,327	9,787,592	10,072,731
Alabama	1915	38,925	310,756	556,086	726,949	854,907	939,959	987,899	1,007,130	1,012,802	1,025,818
	1914	46,241	392,217	810,295	1,068,771	1,270,450	1,439,556	1,573,140	1,638,648	1,676,349	1,731,751
	1913	44,562	325,735	839,899	1,015,788	1,181,232	1,365,246	1,444,212	1,467,883	1,475,154	1,483,669
	1912	12,824	192,310	591,954	809,662	961,313	1,161,482	1,234,755	1,289,227	1,307,736	1,328,297
	1911	40,501	360,244	838,617	1,088,737	1,239,211	1,436,076	1,561,136	1,618,510	1,638,699	1,695,284
	1910	4,196	201,488	525,226	748,878	895,894	1,063,498	1,128,470	1,162,728	1,174,122	1,192,170
	1909	13,535	187,832	512,323	676,331	805,849	917,406	987,254	1,017,460	1,026,869	1,040,137
Arkansas	1915	270	60,960	283,423	445,115	573,528	655,145	722,184	753,180	762,487	780,583
	1914	521	99,347	397,261	573,571	738,853	840,295	893,965	913,324	941,426	999,237
	1913	1,293	70,086	322,181	431,522	606,388	789,937	885,979	933,913	967,087	1,038,293
	1912	81	41,138	300,351	440,482	547,644	659,505	703,329	732,118	741,282	770,937
	1911	170	43,626	278,238	444,401	563,115	680,434	746,802	786,329	797,597	908,014
	1910	28	22,319	161,363	324,769	479,122	625,226	676,259	724,100	747,326	708,156
	1909	449	83,926	330,884	472,252	557,857	613,939	642,322	657,357	664,522	697,603
Florida	1915	4,701	19,020	32,165	40,389	46,553	50,270	53,405	54,687	55,025	55,354
	1914	5,214	25,579	43,313	56,645	65,903	72,962	80,909	85,705	88,131	90,648
	1913	2,960	16,367	35,956	47,315	53,217	58,485	63,082	65,299	65,765	66,700
	1912	1,832	9,770	23,575	35,362	42,263	48,630	52,895	56,042	57,321	58,833
	1911	3,796	21,510	43,009	56,070	65,236	74,056	81,952	86,421	88,177	94,471
	1910	608	11,252	27,238	38,924	46,847	54,396	60,082	63,105	64,778	67,172
	1909	3,542	19,581	35,006	45,664	51,612	56,132	58,556	60,138	60,765	61,877
Georgia	1915	133,408	715,512	1,178,045	1,428,250	1,636,919	1,768,270	1,861,362	1,906,771	1,918,836	1,937,730
	1914	136,286	768,095	1,367,916	1,763,374	2,062,875	2,285,924	2,451,644	2,548,808	2,595,054	2,723,094
	1913	72,352	491,511	1,296,911	1,606,506	1,823,789	2,066,109	2,215,308	2,293,976	2,314,101	2,346,237
	1912	34,526	272,335	793,143	1,112,419	1,331,709	1,564,428	1,675,670	1,756,834	1,781,232	1,812,778
	1911	134,431	765,697	1,552,718	1,908,764	2,106,305	2,339,354	2,517,357	2,623,917	2,657,984	2,704,295
	1910	20,491	365,407	912,612	1,241,825	1,436,997	1,625,573	1,706,816	1,762,070	1,779,902	1,812,178
	1909	106,301	536,212	1,113.341	1,384,913	1,559,828	1,673,301	1,766,070	1,813,112	1,827,923	1,850,125
Louisiana	1915	5,858	114,361	223,063	271,398	299,866	319,756	329,078	332,428	333,814	336,813
	1914	3,783	94,119	225,274	297,356	341,251	382,093	415,278	427,243	434,608	452,261
	1913	7,449	77,865	164,034	222,464	276,271	342,383	391,454	410,614	420,384	436,865
	1912	1,724	73,992	203,127	261,701	300,482	343,323	361,123	366,402	369,076	374,793
	1911	8,120	89,069	176,904	232,245	269,548	313,624	340,304	352,503	357,758	380,826
	1910	1,101	45,799	113,770	154,634	183,818	217,956	233,347	240,170	242,677	246,788
	1909	3,450	62,616	143,977	188,112	217,433	238,675	248,643	252,188	253,927	258,459
Mississippi	1915	4,619	179,748	421,663	584,803	708,387	801,133	862,201	888,813	897,122	925,509
	1914	2,689	163,298	474,788	669,143	838,349	987,031	1,082,816	1,115,599	1,143,787	1,217,883
	1913	2,052	120,593	435,690	568,005	734,988	955,808	1,084,680	1,142,921	1,176,539	1,251,841
	1912	442	57,393	347,130	511,678	644,554	817,707	883,458	936,419	952,520	1,004,376
	1911	1,865	96,829	386,016	584,199	719,638	892,495	996,601	1,047,299	1,061,859	1,169,066
	1910	538	83,768	358,851	576,641	759,152	970,626	1,066,216	1,131,562	1,157,457	1,212,104
	1909	1,670	96,825	390,096	572,131	731,354	869,368	956,509	1,005,903	1,028,418	1,073,105
North Carolina	1915	354	82,931	264,935	408,198	523,082	612,703	666,926	695,978	709,485	737,354
	1914	968	84,517	301,108	427,949	556,175	674,340	766,745	814,644	855,367	970,479
	1913	177	46,952	282,193	384,260	493,360	622,369	708,598	759,800	783,817	837,995
	1912	674	101,683	356,226	496,537	627,251	754,569	819,662	857,189	875,493	906,351
	1911	1,245	156,390	438,266	597,940	716,200	828,660	913,944	975,223	996,988	1,120,276
	1910	4	46,051	250,141	386,096	494,920	615,637	664,722	702,150	718,405	753,087
	1909	1,070	80,498	255,040	370,891	466,797	535,653	581,954	605,693	615,529	633,746
Oklahoma	1915	8	2,136	66,255	171,584	329,845	445,316	513,251	561,950	573,324	622,176
	1914	238	104,154	451,449	659,367	870,672	1,018,706	1,069,018	1,094,320	1,147,481	1,232,638
	1913	5,106	148,979	391,258	536,303	666,736	764,205	789,782	804,313	825,069	842,499
	1912	272	77,394	398,345	599,190	725,006	869,278	902,329	947,452	965,752	1,005,109
	1911	4,255	116,328	396,739	554,933	657,497	783,989	862,838	900,409	915,563	1,016,538
	1910	398	110,530	421,625	585,237	727,654	829,387	868,561	895,926	905,051	919,842
	1909	1,370	134,377	329,429	412,631	476,471	505,584	514,535	525,610	532,803	552,678
South Carolina	1915	4,305	258,947	581,667	771,074	921,528	1,021,843	1,098,283	1,133,596	1,149,187	1,174,213
	1914	14,633	303,794	693,444	910,558	1,091,320	1,230,168	1,328,482	1,388,317	1,424,700	1,560,105
	1913	7,264	193,318	619,720	846,468	995,398	1,160,725	1,276,428	1,342,737	1,368,774	1,418,704
	1912	4,260	174,251	540,319	730,690	883,535	1,041,689	1,128,850	1,173,216	1,192,574	1,224,245
	1911	19,364	338,090	788,927	1,022,614	1,163,984	1,310,963	1,423,383	1,508,753	1,536,085	1,692,146
	1910	208	160,521	516,232	729,117	888,291	1,036,889	1,107,556	1,154,003	1,175,905	1,210,968
	1909	18,949	285,401	624,301	791,629	913,440	998,158	1,064,819	1,100,309	1,114,533	1,137,382
Tennessee	1915	2	9,143	79,353	146,886	204,597	238,821	265,021	281,879	286,503	296,222
	1914	26	16,032	102,177	172,485	238,451	291,183	319,284	330,580	342,877	372,068
	1913	9	18,359	131,933	174,379	233,663	304,467	340,685	354,324	358,275	366,786
	1912	.....	990	66,719	118,485	158,161	208,721	230,239	248,593	252,890	267,439
	1911	5	15,541	125,791	211,128	264,777	319,979	360,510	381,281	386,293	430,027
	1910	.....	1,602	57,769	129,840	192,213	249,927	269,670	289,299	298,615	321,103
	1909	4	17,152	101,250	148,670	183,529	206,297	221,465	226,791	228,915	240,757
Texas	1915	271,328	1,146,953	2,001,416	2,344,486	2,614,057	2,781,283	2,868,663	2,935,697	2,964,135	3,068,852
	1914	268,485	1,334,342	2,715,772	3,168,786	3,511,762	3,746,578	3,874,388	3,960,170	4,125,919	4,390,200
	1913	655,871	1,727,639	2,451,279	2,950,444	3,313,443	3,572,105	3,627,190	3,664,496	3,715,418	3,773,024
	1912	674,249	2,002,975	3,229,621	3,709,725	4,020,939	4,314,821	4,368,915	4,461,746	4,509,220	4,645,309
	1911	557,544	1,667,875	2,700,037	3,211,572	3,473,702	3,747,932	3,862,143	3,926,059	3,964,620	4,107,152
	1910	325,435	1,263,212	2,070,261	2,405,157	2,636,696	2,794,125	2,849,259	2,888,393	2,914,166	2,949,968
	1909	237,901	1,061,558	1,675,428	1,920,188	2,104,329	2,213,144	2,262,938	2,328,148	2,377,894	2,469,331
All other states [1]	1915	105	3,362	20,659	39,664	57,106	69,113	78,036	84,669	89,270	98,549
	1914	1,233	8,258	36,950	58,907	82,179	104,460	116,860	125,788	140,151	165,386
	1913	4	6,251	32,464	46,942	66,044	86,483	100,030	107,445	111,053	120,198
	1912	.....	2,740	23,696	43,291	56,789	70,388	77,811	82,257	83,831	90,072
	1911	1	5,395	33,359	58,302	74,023	89,245	103,257	110,208	114,176	138,978
	1910	4	125	8,540	24,835	38,829	56,472	64,485	71,009	74,743	84,789
	1909	1	2,172	19,892	34,437	43,700	49,229	53,020	54,618	55,494	57,531

[1] Includes Arizona, California, Kansas, Kentucky, Missouri, New Mexico, and Virginia.

TABLE 8.—PER CENT OF THE TOTAL COTTON GINNED TO SPECIFIED DATES, BY STATES: 1909 TO 1915.

[Based on figures given in Table 7, page 18.]

STATE.	Growth year.	PER CENT OF TOTAL COTTON GINNED TO—								
		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.
United States	1915	4.2	26.2	51.6	66.7	79.2	87.7	93.1	96.1	97.1
	1914	3.0	21.3	47.9	61.8	73.4	82.2	87.8	90.8	93.8
	1913	5.7	23.2	49.9	63.2	74.7	86.5	92.5	95.5	97.1
	1912	5.4	22.3	51.0	65.8	76.4	87.9	92.2	95.7	97.0
	1911	5.0	23.6	49.9	64.1	72.7	82.4	88.5	92.1	93.3
	1910	3.1	20.0	46.9	63.5	75.9	87.7	92.5	95.8	97.3
	1909	3.9	25.5	54.9	69.7	80.5	88.1	92.9	95.8	97.2
Alabama	1915	3.8	30.3	54.2	70.9	83.3	91.6	96.3	98.2	98.7
	1914	2.7	22.6	46.8	61.7	73.4	83.1	90.8	94.6	96.8
	1913	3.0	22.0	56.6	68.5	79.6	92.0	97.3	98.9	99.4
	1912	1.0	14.5	44.6	61.0	72.4	87.4	93.0	97.1	98.5
	1911	2.4	21.2	49.5	64.2	73.1	84.7	92.1	95.5	96.7
	1910	0.4	16.9	44.1	62.8	75.1	89.2	94.7	97.5	98.5
	1909	1.3	18.1	49.3	65.0	77.5	88.2	94.9	97.8	98.7
Arkansas	1915	(1)	7.7	35.9	56.4	72.6	83.0	91.5	95.4	96.6
	1914	0.1	9.9	39.8	57.4	73.9	84.1	89.5	91.4	94.2
	1913	0.1	6.8	31.0	41.6	58.4	76.1	85.3	89.9	93.2
	1912	(1)	5.4	39.0	57.1	71.0	85.5	91.2	95.0	96.2
	1911	(1)	4.8	30.6	48.9	62.0	74.9	82.2	86.6	87.8
	1910	(1)	2.8	20.2	40.7	60.0	78.3	84.7	90.7	93.6
	1909	0.1	12.0	47.4	67.7	80.0	88.0	92.1	94.2	95.3
Florida	1915	8.5	34.4	58.1	73.0	84.1	90.8	96.5	98.8	99.4
	1914	5.8	28.2	47.8	62.5	72.7	80.5	89.3	94.5	97.2
	1913	4.4	24.5	53.9	70.9	79.8	87.7	94.6	97.9	98.6
	1912	3.1	16.6	40.1	60.1	71.8	82.7	89.9	95.3	97.4
	1911	4.0	22.8	45.5	59.4	69.1	78.4	86.7	91.5	93.3
	1910	0.9	16.8	40.5	57.9	69.7	81.0	89.4	93.9	96.4
	1909	5.7	31.6	56.6	73.8	83.4	90.7	94.6	97.2	98.2
Georgia	1915	6.9	36.9	60.8	73.7	84.5	91.3	96.1	98.4	99.0
	1914	5.0	28.2	50.2	64.8	75.8	83.9	90.0	93.6	95.3
	1913	3.1	20.9	55.3	68.5	77.7	88.1	94.4	97.8	98.6
	1912	1.9	15.0	43.8	61.4	73.5	86.3	92.4	96.9	98.3
	1911	4.8	27.4	55.6	68.3	76.4	83.7	90.1	93.9	95.1
	1910	1.1	20.2	50.4	68.5	79.3	89.7	94.2	97.2	98.2
	1909	5.7	29.0	60.2	74.9	84.3	90.4	95.5	98.0	98.8
Louisiana	1915	1.7	34.0	66.2	80.6	89.0	94.9	97.7	98.7	99.1
	1914	0.8	20.8	49.8	65.7	75.5	84.5	91.8	94.5	96.1
	1913	1.7	17.8	37.5	50.9	63.2	78.4	89.6	94.0	96.2
	1912	0.5	19.7	54.2	69.8	80.2	91.6	96.4	97.8	98.5
	1911	2.1	23.4	46.5	61.0	70.8	82.4	89.4	92.6	93.9
	1910	0.4	18.6	46.1	62.7	74.5	88.3	94.6	97.3	98.3
	1909	1.3	24.2	55.7	72.8	84.1	92.3	96.2	97.6	98.2
Mississippi	1915	0.5	19.4	45.6	63.2	76.5	86.6	93.2	96.0	96.9
	1914	0.2	13.4	39.0	54.9	68.8	81.0	88.9	91.6	93.9
	1913	0.2	9.6	34.8	45.4	58.7	76.4	86.6	91.3	94.0
	1912	(1)	5.6	34.5	50.9	64.2	81.4	88.0	93.2	94.8
	1911	0.2	8.3	33.0	50.0	61.6	76.3	85.2	89.6	90.8
	1910	(1)	6.9	29.6	47.6	62.6	80.1	88.0	93.4	95.5
	1909	0.2	9.0	36.4	53.3	68.2	81.0	89.1	93.7	95.8
North Carolina	1915	(1)	11.2	35.9	55.4	71.1	83.1	90.4	94.4	96.2
	1914	0.1	8.7	31.0	44.1	57.3	69.5	79.0	83.9	88.1
	1913	(1)	6.0	30.1	45.9	58.9	74.3	84.6	90.7	93.5
	1912	0.1	11.2	39.3	54.8	69.2	83.3	90.4	94.6	96.6
	1911	0.1	13.9	38.9	53.1	63.6	73.6	81.1	86.6	88.5
	1910	(1)	6.1	33.2	51.3	65.7	81.7	88.3	93.2	95.4
	1909	0.2	12.7	40.2	58.5	73.7	84.5	91.8	95.6	97.1
Oklahoma	1915	(1)	0.3	10.6	27.6	53.0	71.6	82.5	90.3	92.1
	1914	(1)	8.4	36.6	53.5	70.6	82.7	86.7	88.8	93.1
	1913	0.6	17.7	46.4	63.7	79.1	90.7	93.7	95.5	97.9
	1912	(1)	7.7	39.6	59.6	72.1	86.5	89.8	94.3	96.1
	1911	0.4	11.4	39.0	54.6	64.7	77.1	84.9	88.6	90.1
	1910	(1)	12.0	45.8	63.6	79.1	90.2	94.4	97.4	98.4
	1909	0.2	24.3	59.6	74.7	86.2	91.5	93.1	95.1	96.4
South Carolina	1915	0.4	22.1	49.5	65.7	78.5	87.0	93.5	96.5	97.9
	1914	0.9	19.5	44.4	58.4	69.9	78.8	85.1	89.0	91.3
	1913	0.5	13.6	43.7	59.7	70.2	81.8	90.0	94.6	96.5
	1912	0.3	14.2	44.1	59.7	72.2	85.1	92.2	95.8	97.4
	1911	1.1	20.0	46.6	60.4	68.8	77.5	84.1	89.2	90.8
	1910	(1)	13.3	42.6	60.2	73.4	85.6	91.5	95.3	97.1
	1909	1.7	25.1	54.9	69.6	80.3	87.8	93.6	96.7	98.0
Tennessee	1915	(1)	3.1	26.8	49.6	69.1	80.6	89.5	95.2	96.7
	1914	(1)	4.3	27.5	46.4	64.1	78.3	85.8	88.8	92.2
	1913	(1)	5.0	36.0	47.5	63.7	83.0	92.9	96.6	97.7
	1912	(1)	0.4	24.9	44.3	59.1	78.0	86.1	92.9	94.6
	1911	(1)	3.6	29.3	49.1	61.6	74.4	83.8	88.7	89.8
	1910	.....	0.5	18.0	40.4	59.9	77.8	84.0	90.1	93.0
	1909	(1)	7.1	42.1	61.8	76.2	85.7	92.0	94.2	95.1
Texas	1915	8.8	37.4	65.2	76.4	85.2	90.6	93.5	95.7	96.6
	1914	6.1	30.4	61.9	72.2	80.0	85.3	88.3	90.2	94.0
	1913	17.4	45.8	65.0	78.2	87.8	94.7	96.1	97.1	98.5
	1912	14.5	43.1	69.5	79.9	86.6	92.9	94.0	96.0	97.1
	1911	13.6	40.6	65.7	78.2	84.6	91.3	94.0	95.6	96.5
	1910	11.0	42.8	70.2	81.5	89.4	94.7	96.6	97.9	98.8
	1909	9.6	43.0	67.8	77.8	85.2	89.6	91.6	94.3	96.3
All other states [2]	1915	0.1	3.4	21.0	40.3	58.0	70.1	79.2	85.9	90.6
	1914	0.7	5.0	22.3	35.6	49.7	63.2	70.7	76.1	84.7
	1913	(1)	5.2	27.0	39.1	54.9	72.0	83.2	89.4	92.4
	1912	(1)	3.0	26.3	48.1	63.0	78.1	86.4	91.3	93.1
	1911	(1)	3.9	24.0	42.0	53.3	64.2	74.3	79.4	82.2
	1910	(1)	0.1	10.1	29.3	45.8	66.6	76.1	83.7	88.2
	1909	(1)	3.8	34.6	59.9	76.0	85.6	92.2	94.9	96.5

[1] Less than one-tenth of 1 per cent.

[2] Includes Arizona, California, Kansas, Kentucky, Missouri, New Mexico, and Virginia.

An analysis of the periodical statistics of cotton ginned, as shown in Table 7, is presented in Table 9, which gives the number of bales of cotton ginned during each of the report periods, together with the corresponding percentages for the crops of 1911 to 1915, inclusive.

TABLE 9.—QUANTITY OF COTTON AND PERCENTAGE OF THE TOTAL GINNED DURING EACH PERIOD BETWEEN REPORT DATES: CROPS OF 1911 TO 1915.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

PERIOD.	1915		1914		1913		1912		1911	
	Quantity (bales).	Per cent of total.	Quantity (bales).	Per cent of total.	Quantity (bales).	Per cent of total.	Quantity (bales).	Per cent of total.	Quantity (bales).	Per cent of total.
Total	11,068,173	100.0	15,905,840	100.0	13,982,811	100.0	13,488,539	100.0	15,553,073	100.0
Prior to Sept. 1	463,883	4.2	480,317	3.0	799,099	5.7	730,884	5.4	771,207	5.0
Sept. 1 to Sept. 25	2,439,946	22.0	2,913,435	18.3	2,447,556	17.5	2,276,387	16.9	2,905,297	18.7
Sept. 25 to Oct. 18	2,804,901	25.4	4,225,995	26.6	3,726,863	26.6	3,866,935	28.7	4,082,027	26.2
Oct. 18 to Nov. 1	1,670,156	15.1	2,207,165	13.9	1,856,878	13.3	1,995,016	14.8	2,212,284	14.2
Nov. 1 to Nov. 14	1,392,389	12.6	1,841,328	11.6	1,614,133	11.5	1,430,424	10.6	1,342,331	8.6
Nov. 14 to Dec. 1	932,337	8.4	1,405,146	8.8	1,643,883	11.8	1,554,895	11.5	1,503,571	9.7
Dec. 1 to Dec. 13	602,697	5.4	898,843	5.6	839,016	6.0	584,495	4.3	953,920	6.1
Dec. 13 to Jan. 1	330,469	3.0	470,917	3.0	420,293	3.0	408,369	3.5	546,275	3.5
Jan. 1 to Jan. 16	115,212	1.0	472,704	3.0	234,315	1.7	181,525	1.3	198,797	1.3
After Jan. 15	316,183	2.9	989,990	6.2	400,775	2.9	399,609	3.0	1,037,274	6.7

The period from September 25 to October 18 shows the largest ginnings for each of the years given in the table. This is to be expected, however, inasmuch as this period covers 23 days during a time of great activity in the harvesting of cotton, while most of the other periods are shorter. In 1915, 25.4 per cent of the total crop was ginned during this period, as compared with 26.6 per cent in 1913 and in 1914, 28.7 per cent in 1912, and 26.2 per cent in 1911. The variations in the proportion of the total ginned during the period from November 1 to November 14 are rather pronounced, the percentages ranging from 8.6 in 1911 to 12.6 in 1915. The quantity ginned during any period is obviously affected by the weather conditions and by the size of the crop.

AVERAGE WEIGHT OF BALE.

Some ginners do not weigh the baled cotton turned out from their establishments, and some of those who do so fail to keep permanent records. In view of this condition and of the necessity of securing local weights in order to reduce the statistics to a uniform bale weight, so as to credit each county with its proper proportion of the crop, the bureau requires its canvassing agents to secure bale weights from local weighers, merchants, and other handlers of cotton. The statistics in Table 10 have been compiled from these data, and should constitute a very reliable record. This table shows, by states, for the crops of 1911 to 1915, the average gross weight of upland-square, upland-round, sea-island, and linter bales, and the number of square bales for which weights were returned to the bureau, with their total weight in pounds.

The number of square bales for which weights were returned to the bureau in 1915 was 6,364,290, more than one-half of the total number ginned during the season. The bale weights were returned in two installments, with the reports of cotton ginned to November 1 and to January 1. Since weights are secured for bales ginned in different periods, the figures are representative of the varying conditions of the season and contribute to the reliability of the averages. Because of the variation throughout the season in the weights of the bales pressed, it is not possible to arrive at a reliable average for the crop before the season's ginning is practically completed. Weights of sea-island and of upland round bales were secured by the agents from the handlers of such cotton, and from these data were computed the average weights for round and sea-island bales. The average weights of the linter bales were computed from returns secured from the cottonseed-oil mills.

Method of computing average bale weights.—To obtain the average bale weights for a state, the average weights in pounds of the square, the round, and the sea-island bales weighed in each county were first multiplied separately by the numbers of bales of the respective kinds reported as ginned in the county. The several products thus obtained constituted the totals for the county. The county totals for the different kinds of bales were added separately to obtain the corresponding state totals, which were then divided respectively by the number of bales of the several kinds ginned in the state to obtain the average weight of each kind of bale. By deducting from the sum of the different kinds of bales one-half of the number of round bales, the divisor for finding the average weight of the bale, counting round as half bales, was obtained. The average bale weight for the crop of 1915, excluding linters, as thus computed is 505.6 pounds gross weight, as compared with 507.2 pounds for 1914, 506.2 pounds for 1913, 508 pounds for 1912, and 504.5 pounds for 1911.

The variation in the average weight of bale for upland cotton put up in square packages is pronounced throughout the cotton belt, the averages ranging from less than 440 pounds for a number of counties in North Carolina to more than 540 pounds for certain counties in Arkansas and Texas. For the states shown sepa-

rately in the table the range is from 474.3 pounds in North Carolina to 525. 8 in Texas. These variations are due to a number of causes, the principal one, no doubt, being the practice of putting in one package the lint obtained from a single load of seed cotton, the quantity in a load depending upon capacity of wagons, character of roads, local customs, price of cotton, etc.

TABLE 10.—AVERAGE GROSS WEIGHT OF THE SEVERAL KINDS OF BALES AND NUMBER AND GROSS WEIGHT OF SQUARE BALES FOR WHICH WEIGHTS WERE RETURNED, BY STATES: 1911 TO 1915.

STATE.	Growth year.	AVERAGE GROSS WEIGHT OF BALE (POUNDS).					SQUARE BALES FOR WHICH WEIGHTS WERE RETURNED.	
		Cotton.				Linters.	Number.	Gross weight (pounds).
		Counting round as half bales.	Upland.		Sea-island.			
			Square.	Round.				
United States	1915	505.6	506.6	251.5	387.5	492.9	6,364,290	3,214,561,617
	1914	507.2	507.8	253.0	395.5	514.7	7,688,814	3,897,539,799
	1913	506.2	506.9	251.4	384.7	506.1	7,772,225	3,931,370,190
	1912	508.0	508.7	253.9	381.9	506.0	7,326,923	3,712,983,736
	1911	501.5	505.3	250.4	399.7	500.6	7,839,832	3,951,510,387
Alabama	1915	497.6	497.6	.....	.....	485.2	636,786	316,222,717
	1914	505.7	505.7	.....	.....	509.0	826,931	416,410,234
	1913	504.0	503.9	257.0	.....	500.9	873,197	439,509,807
	1912	505.3	505.3	241.9	.....	501.1	794,048	401,236,388
	1911	506.3	506.3	247.2	.....	499.9	871,926	442,181,697
Arkansas	1915	516.7	516.7	261.8	.....	497.9	477,886	246,018,668
	1914	508.5	508.5	348.3	.....	520.8	551,382	280,392,298
	1913	516.6	516.6	258.1	.....	516.9	592,931	305,967,413
	1912	513.7	513.7	261.6	.....	515.0	478,868	245,221,337
	1911	517.2	517.2	254.0	.....	518.0	470,847	242,543,037
Florida	1915	432.0	493.2	.....	372.7	(1)	18,058	8,923,375
	1914	448.2	488.7	.....	379.6	530.8	47,072	23,051,626
	1913	440.0	488.7	.....	361.3	459.5	31,387	15,401,229
	1912	448.4	490.1	.....	370.4	453.2	32,364	16,065,829
	1911	441.3	492.5	.....	375.4	432.9	34,664	17,148,143
Georgia	1915	492.5	495.4	.....	398.7	487.9	1,218,628	604,812,804
	1914	499.1	500.4	.....	412.6	494.4	1,382,898	691,431,261
	1913	493.7	495.4	.....	404.1	491.7	1,353,200	670,356,223
	1912	490.0	492.4	.....	393.6	491.6	1,053,577	519,326,762
	1911	495.4	497.5	.....	417.0	479.8	1,340,461	667,167,970
Louisiana	1915	506.3	506.3	250.0	.....	498.0	232,183	117,966,229
	1914	496.9	496.9	249.3	.....	523.5	279,915	139,314,883
	1913	508.0	508.1	242.0	.....	512.5	290,828	147,703,064
	1912	501.7	501.8	240.5	.....	513.1	277,460	139,974,808
	1911	505.0	505.0	243.2	.....	507.8	281,358	143,373,415
Mississippi	1915	515.4	515.4	.....	.....	505.1	494,257	253,502,927
	1914	511.4	511.4	.....	.....	531.4	556,749	284,563,180
	1913	523.5	523.5	.....	.....	532.0	567,093	295,057,200
	1912	520.9	520.9	.....	.....	529.3	499,896	259,014,266
	1911	514.7	514.7	.....	.....	521.6	533,081	273,552,560
North Carolina	1915	474.3	474.3	.....	.....	479.0	471,627	224,072,219
	1914	479.5	479.5	.....	.....	492.2	428,948	205,537,721
	1913	472.9	472.9	.....	.....	476.0	423,356	200,703,779
	1912	477.5	477.5	.....	.....	468.7	430,424	205,583,615
	1911	477.6	477.6	.....	.....	480.3	486,097	233,201,482
Oklahoma	1915	514.0	514.4	251.0	.....	498.6	322,143	165,295,588
	1914	512.0	512.1	250.7	.....	542.5	714,847	365,779,835
	1913	498.7	498.7	250.7	.....	530.2	632,065	314,913,462
	1912	508.0	508.1	251.5	.....	527.3	561,359	284,635,940
	1911	502.7	502.9	248.2	.....	519.9	566,066	284,572,432
South Carolina	1915	482.8	483.5	.....	350.3	477.9	646,646	312,980,322
	1914	491.6	492.1	.....	361.3	490.0	659,039	322,930,700
	1913	485.6	486.4	.....	356.7	483.2	768,771	373,281,653
	1912	482.8	483.6	.....	348.7	480.5	794,263	383,505,671
	1911	487.2	487.6	.....	350.6	477.9	1,245,555	605,512,193
Tennessee	1915	512.1	512.1	.....	.....	501.1	183,250	93,615,768
	1914	515.4	515.4	.....	.....	527.7	187,669	96,591,551
	1913	517.3	517.3	.....	.....	515.4	195,753	101,186,497
	1912	517.0	517.0	.....	.....	521.4	154,062	79,847,517
	1911	522.9	522.9	.....	.....	510.3	220,624	115,463,393
Texas	1915	525.8	526.1	251.3	.....	496.3	1,601,393	839,905,392
	1914	523.0	523.0	258.4	.....	520.2	1,970,879	1,028,823,250
	1913	522.8	522.9	250.2	.....	509.4	1,958,516	1,023,227,445
	1912	525.3	525.3	262.5	.....	506.8	2,180,044	1,142,736,945
	1911	518.2	518.2	253.2	.....	501.9	1,696,179	878,447,007
All other states	1915	504.9	504.9	.....	.....	503.6	61,483	31,245,608
	1914	516.5	516.5	.....	.....	523.1	82,485	42,704,260
	1913	512.1	512.1	.....	.....	519.1	85,128	43,998,818
	1912	507.9	507.9	.....	.....	520.3	70,558	35,834,558
	1911	517.8	517.8	.....	.....	531.1	92,374	48,314,058

[1] Included in "All other states."

Disparity between census and export bale weights.—The average weight of the bales exported during the year ending July 31, 1916, was 517.4 pounds, which is 11.8 pounds greater than the average for the crop of 1915, as computed from the returns of bale weights received by the bureau. This variation may be

ascribed to a number of reasons, the principal one, no doubt, being the fact that the states which contribute the larger portion of the export cotton are those which put up the heaviest bales. The average weight of the bale for the states of Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas, which furnish much the larger part of the export cotton, was 520.1 pounds, while that for the states of Alabama, Georgia, North Carolina, and South Carolina, which contribute most largely to the domestic consumption, was 488.5 pounds.

PRICES OF COTTON AND COTTON SEED.

The prices of cotton realized on the exchanges are obviously higher than those actually obtained by the growers in disposing of their crops, since they may include charges for freight, compression, and commissions. In order to make available reliable data as to the value of the cotton crop to the growers, the Bureau of Crop Estimates, of the Department of Agriculture, has collected data and prepared estimates showing, by states, the yearly average price of cotton and cotton seed paid to producers in the last five years. These estimates for lint cotton were prepared from the average prices on the first of each month, these monthly prices being weighted by the monthly marketings of cotton to obtain the yearly average. The estimated average prices per ton paid to producers for cotton seed were prepared from the average prices at the middle of each month, the monthly averages being weighted by the monthly marketings of seed to obtain the yearly averages. The average prices of cotton and cotton seed, by states, as computed for the crops of 1911 to 1915, inclusive, are as follows:

TABLE 11.—AVERAGE PRICE OBTAINED BY PRODUCERS FOR COTTON AND COTTON SEED, BY STATES: 1911 TO 1915.

[Compiled by the Bureau of Crop Estimates, Department of Agriculture.]

STATE.	YEARLY AVERAGE PRICE OBTAINED BY PRODUCERS FOR—									
	Lint cotton per pound, in cents, crop of—					Cotton seed per ton, crop of—				
	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
United States	11.22	7.33	12.48	11.48	9.56	$33.60	$17.90	$22.40	$19.20	$17.10
Alabama	11.08	7.29	12.86	11.44	9.52	36.90	18.90	23.50	19.50	18.20
Arkansas	11.64	7.03	12.08	11.78	9.32	34.10	17.00	19.40	20.00	16.70
Florida	14.81	10.74	14.57	14.65	12.95	31.60	17.30	21.00	17.50	17.30
Georgia	11.30	7.44	12.90	11.60	9.55	36.90	20.20	24.20	20.50	16.90
Louisiana	10.94	7.63	12.24	11.38	9.60	32.00	18.60	18.50	19.70	18.00
Mississippi	11.51	7.29	12.59	11.87	9.82	34.30	18.70	22.40	21.80	17.50
Missouri	11.02	6.82	12.50	11.80	9.00	31.20	22.00	21.20	22.10	22.90
North Carolina	11.20	7.65	12.73	11.48	9.44	37.00	21.60	26.00	22.10	19.20
Oklahoma	11.13	6.81	11.78	11.12	8.90	30.60	14.60	20.50	17.50	16.00
South Carolina	11.21	7.76	12.86	11.70	9.48	36.50	20.80	25.70	21.20	17.20
Tennessee	11.40	7.09	12.62	11.94	9.23	35.00	18.30	24.50	22.90	18.10
Texas	11.02	7.22	12.19	11.29	9.75	29.30	15.30	20.60	17.10	16.20

The growers of cotton in the United States as a whole received for the lint produced from the crop of 1915 an average price of 11.22 cents per pound, as compared with 7.33 cents for the crop of 1914, 12.48 cents for the crop of 1913, 11.48 cents for the crop of 1912, and 9.56 cents for the crop of 1911. For each of the years shown the growers of Florida received a much higher average than those of any other state. This is due to the large proportion of sea-island cotton, which constitutes almost 50 per cent of the total crop. The second highest average is shown by Arkansas for 1915, South Carolina for 1914, Georgia for 1913, Tennessee for 1912, and Mississippi for 1911. Oklahoma shows the lowest average price for each of the crops represented, except 1915. So many factors enter into the production, the handling, and the marketing of cotton that it is to be expected that the relative market values in different localities should vary from year to year. In some states, however, there are constant factors which operate toward a higher or a lower price. For instance, in South Carolina and Georgia a portion of each year's crop is made up of sea-island cotton and the long-staple varieties of upland. In these states, also, the cost of transportation to the seaboard or the centers of consumption is probably less than in most others, whereas in Oklahoma the haul to ports and mills is longer than in any other state.

According to the annual report of Mr. Henry G. Hester, secretary of the New Orleans Cotton Exchange, the average grade of the crop of 1915 was "middling to strict middling" and the average price of middling for the year was 11.99 cents per pound. According to the same report, the average price of middling cotton for the crop of 1914 was 7.94 cents per pound, and that of 1913 and 1912, 13.49 and 12.20 cents, respectively.

The yearly average price per ton of cotton seed paid to producers in the United States as a whole was $33.60 for the crop of 1915, $17.90 for 1914, $22.40 for 1913, $19.20 for 1912, and $17.10 for 1911. The highest averages in the several states were shown by North Carolina for the crops of 1915 and 1913, by Missouri for the crops of 1914 and 1911, and by Tennessee for 1912. North Carolina, South Carolina, and Georgia uniformly show high average prices, both because the seed produced in these states yields high percentages of the more valuable products, and because there is considerable local demand for cottonseed meal for use in mixing fertilizers. On the other hand, the average prices in Texas, Oklahoma, and Arkansas are uniformly lower because of the lower yield of oil and cake from the seed produced in these states. The high price of linters during the past season accounts, in part, for the unusually high prices paid for cotton seed.

THE VALUE OF THE COTTON CROP.

The gross weight of upland and sea-island cotton and the estimated quantity of cotton seed, together with the estimated values of lint cotton and cotton seed for the crops of 1911 to 1915, are presented, by states, in Table 12. No account is taken of linters in computing the value of the crop, as the value of the cotton seed relates to seed before reginning. The estimated value of linters produced, however, is given in Table 55.

TABLE 12.—GROSS WEIGHT AND ESTIMATED VALUE OF LINT COTTON AND ESTIMATED QUANTITY AND VALUE OF COTTON SEED, BY STATES: 1911 TO 1915.

STATE.	Growth year.	Aggregate value of cotton crop.	LINT COTTON—GROSS WEIGHT.					COTTON SEED.	
			Total value.	Total.	Upland.		Sea-island bales.	Quantity.	Value.
					In square bales.	In round bales.			
				Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Tons.*	
United States	1915	$795,840,000	$627,940,000	5,595,910,000	5,532,220,000	28,100,000	35,590,000	4,992,000	$167,900,000
	1914	720,080,000	591,130,000	8,067,470,000	8,020,610,000	14,570,000	32,290,000	7,186,000	128,950,000
	1913	1,026,700,000	885,350,000	7,078,240,000	7,023,270,000	25,130,000	29,840,000	6,305,000	141,350,000
	1912	904,130,000	786,800,000	6,851,710,000	6,802,830,000	20,700,000	28,180,000	6,104,000	117,330,000
	1911	869,690,000	749,800,000	7,846,350,000	7,773,230,000	25,430,000	47,690,000	6,997,000	119,800,000
Alabama	1915	73,270,000	56,550,000	510,420,000	510,420,000			453,000	16,720,000
	1914	78,540,000	63,840,000	875,690,000	875,690,000			778,000	14,700,000
	1913	111,760,000	96,160,000	747,740,000	744,830,000	2,910,000		664,000	15,690,000
	1912	88,400,000	76,780,000	671,140,000	668,900,000	2,240,000		596,000	11,620,000
	1911	95,580,000	81,710,000	858,270,000	855,150,000	3,120,000		762,000	13,870,000
Arkansas	1915	59,870,000	47,490,000	408,090,000	407,110,000	890,000		363,000	12,380,000
	1914	43,390,000	35,720,000	508,080,000	507,550,000	530,000		451,000	7,670,000
	1913	74,050,000	64,800,000	536,420,000	535,030,000	1,390,000		477,000	9,250,000
	1912	53,690,000	46,650,000	396,020,000	395,380,000	640,000		352,000	7,040,000
	1911	50,750,000	43,770,000	469,650,000	468,910,000	740,000		418,000	6,950,000
Florida	1915	4,390,000	3,540,000	23,920,000	13,450,000		10,470,000	27,000	850,000
	1914	5,100,000	4,360,000	40,630,000	27,850,000		12,780,000	43,000	740,000
	1913	4,930,000	4,280,000	29,350,000	20,100,000		9,250,000	31,000	650,000
	1912	4,350,000	3,860,000	26,380,000	18,110,000		8,270,000	28,000	490,000
	1911	6,200,000	5,400,000	41,690,000	26,200,000		15,490,000	46,000	800,000
Georgia	1915	139,570,000	107,840,000	954,340,000	931,380,000		22,960,000	880,000	31,730,000
	1914	125,690,000	101,110,000	1,359,020,000	1,341,530,000		17,490,000	1,217,000	24,580,000
	1913	174,540,000	140,420,000	1,158,300,000	1,140,800,000		17,500,000	1,038,000	25,120,000
	1912	119,400,000	103,040,000	888,270,000	871,050,000		17,220,000	796,000	16,360,000
	1911	153,260,000	132,200,000	1,384,310,000	1,353,910,000		30,400,000	1,246,000	21,060,000
Louisiana	1915	23,490,000	18,660,000	170,530,000	170,320,000	210,000		151,000	4,830,000
	1914	20,870,000	17,150,000	224,730,000	224,440,000	290,000		200,000	3,720,000
	1913	30,800,000	27,160,000	221,910,000	221,490,000	420,000		197,000	3,640,000
	1912	24,690,000	21,400,000	183,050,000	187,760,000	290,000		167,000	3,290,000
	1911	21,540,000	18,460,000	192,300,000	191,800,000	500,000		171,000	3,080,000
Mississippi	1915	69,440,000	54,900,000	476,980,000	476,980,000			424,000	14,540,000
	1914	55,740,000	45,400,000	622,770,000	622,770,000			553,000	10,340,000
	1913	95,570,000	82,510,000	655,370,000	655,370,000			583,000	13,060,000
	1912	72,250,000	62,110,000	523,210,000	523,210,000			465,000	10,140,000
	1911	68,450,000	59,090,000	601,770,000	601,770,000			535,000	9,360,000
Missouri	1915	3,300,000	2,640,000	24,000,000	24,000,000			21,000	660,000
	1914	3,580,000	2,790,000	40,880,000	40,880,000			36,000	790,000
	1913	4,830,000	4,190,000	33,550,000	33,550,000			30,000	640,000
	1912	3,840,000	3,290,000	27,850,000	27,850,000			25,000	550,000
	1911	5,340,000	4,360,000	48,400,000	48,400,000			43,000	980,000
North Carolina	1915	50,640,000	39,170,000	349,750,000	349,750,000			310,000	11,470,000
	1914	44,500,000	35,600,000	465,320,000	465,320,000			412,000	8,900,000
	1913	59,580,000	50,450,000	396,270,000	396,270,000			351,000	9,130,000
	1912	58,150,000	49,690,000	432,830,000	432,830,000			383,000	8,460,000
	1911	59,920,000	50,780,000	537,910,000	537,910,000			476,000	9,140,000
Oklahoma	1915	44,310,000	35,590,000	319,810,000	311,390,000	8,420,000		285,000	8,720,000
	1914	51,170,000	42,980,000	631,090,000	621,920,000	9,170,000		561,000	8,190,000
	1913	57,150,000	49,500,000	420,190,000	409,910,000	10,280,000		373,000	7,650,000
	1912	64,730,000	56,780,000	510,620,000	499,660,000	10,960,000		454,000	7,950,000
	1911	52,740,000	45,480,000	511,050,000	501,620,000	9,430,000		454,000	7,260,000
South Carolina	1915	81,960,000	63,560,000	566,960,000	564,800,000		2,160,000	504,000	18,400,000
	1914	73,700,000	59,510,000	766,900,000	764,880,000		2,020,000	682,000	14,190,000
	1913	104,340,000	88,590,000	688,910,000	685,820,000		3,090,000	613,000	15,750,000
	1912	80,300,000	69,150,000	591,060,000	588,370,000		2,690,000	526,000	11,150,000
	1911	90,740,000	78,150,000	824,360,000	822,560,000		1,800,000	732,000	12,590,000
Tennessee	1915	22,020,000	17,290,000	151,710,000	151,710,000			135,000	4,730,000
	1914	16,730,000	13,600,000	191,760,000	191,760,000			171,000	3,130,000
	1913	28,460,000	24,320,000	189,740,000	189,740,000			169,000	4,140,000
	1912	19,330,000	16,510,000	138,270,000	138,270,000			123,000	2,820,000
	1911	24,380,000	20,760,000	224,870,000	224,870,000			200,000	3,620,000
Texas	1915	219,900,000	177,830,000	1,613,740,000	1,595,160,000	18,580,000		1,436,000	42,070,000
	1914	197,030,000	165,770,000	2,296,050,000	2,291,470,000	4,580,000		2,043,000	31,260,000
	1913	276,600,000	240,450,000	1,972,490,000	1,962,360,000	10,130,000		1,755,000	36,150,000
	1912	312,610,000	275,490,000	2,440,110,000	2,433,540,000	6,570,000		2,171,000	37,120,000
	1911	238,170,000	207,500,000	2,128,210,000	2,116,570,000	11,640,000		1,893,000	30,670,000
Virginia	1915	1,140,000	880,000	7,900,000	7,900,000			7,000	260,000
	1914	1,200,000	960,000	12,610,000	12,610,000			11,000	240,000
	1913	1,750,000	1,490,000	11,740,000	11,740,000			10,000	260,000
	1912	1,640,000	1,400,000	12,200,000	12,200,000			11,000	240,000
	1911	1,660,000	1,410,000	14,950,000	14,950,000			13,000	250,000
All other states	1915	2,540,000	2,000,000	17,850,000	17,850,000			16,000	540,000
	1914	2,840,000	2,340,000	31,940,000	31,940,000			28,000	500,000
	1913	2,340,000	2,030,000	16,260,000	16,260,000			14,000	310,000
	1912	750,000	650,000	5,700,000	5,700,000			5,000	100,000
	1911	960,000	820,000	8,610,000	8,610,000			8,000	140,000

The statistics of lint cotton produced have been computed to represent the weight of baled cotton just as bought and sold. Estimating the weight of the wrapping and bands of the bales to average 22 pounds for upland square, 3 pounds for upland round, and 10 pounds for sea-island, the total tare

for the cotton crop of 1915 on this basis amounted to 241,500,000 pounds, leaving 5,354,410,000 pounds as the net weight of lint cotton produced.

In computing the values of the crops, the average prices of cotton and of cotton seed given in Table 11 have been used. On page 22 is stated the method of determining these prices, and the values given in the table must be considered accordingly. With the varying conditions found throughout the cotton belt, the compilation of absolutely accurate data as to the value of the crop is impossible. The statistics in Table 12 are, in a large sense, therefore, estimates, but it is believed they are sufficiently close to the facts to furnish a reliable reference. The average prices given in Table 11 have been multiplied in each case by the corresponding numbers representing the weights, while the average prices of seed for the several states have been applied to the estimated quantities of seed produced. The values of cotton and of seed are combined to make up the total value of the cotton crop, which appears in the first column of the table. The value of the crop of 1915, as thus determined, is $795,840,000, as compared with $720,080,000 for 1914, $1,026,700,000 for 1913, $904,130,000 for 1912, and $869,690,000 for 1911. Thus the value of the crop of 1915 was higher than that of 1914, notwithstanding the fact that the quantity of lint cotton was very much less.

Estimated seed production.—It has generally been assumed that upland cotton, on an average, "thirds itself" at the gin—that is, the seed weighs twice as much as the lint. The greater care being exercised in selecting seed for planting, together with improved methods of ginning, tends to the saving of more lint from the first ginning than formerly, and the proportions are now estimated at 35 per cent lint for upland and 25 per cent lint for sea-island cotton. Computed on these bases, the quantity of seed produced in 1915 amounted to 4,992,000 tons.

Only approximate accuracy can be claimed for the figures of cottonseed production in Table 12, as different seasons and different localities present conditions which vary considerably. The character of soil, methods of cultivation, and conditions of weather during the growing and maturing periods materially affect the results.

COTTON GRADING AND MARKETING.

There has been a widespread demand for a change in the methods of marketing of cotton whereby greater regard shall be given the actual worth of the staple in the sale of cotton by the producer, whereas a large proportion of the cotton crop is disposed of by the growers with but scant attention to the real value of the fiber. The manufacturer, in arriving at the true value of the lint, carefully considers not only the appearance of the cotton as regards color, dirt, and trash, but also the length, strength, and uniformity of the fiber. The producer, as a rule, has slight knowledge of these characteristics, and is somewhat at a disadvantage in disposing of his crop. The desirability of establishing a uniform basis for cotton grading has long been recognized by a majority of those interested in the cotton industry. While there are practical difficulties in the way of applying uniform standard grades throughout the handling of the cotton crop, it is believed these difficulties can be largely overcome. As a result of the demand for such action, Congress directed the Secretary of Agriculture to establish standards for the different grades of cotton, to prepare them in practical form, and to furnish them to anyone upon payment of the actual cost thereof. These grades were established, and, although their use was not compulsory, they were adopted by all the leading cotton exchanges and became widely distributed. The following statement, prepared by the Office of Markets and Rural Organization, reviews some of the activities of that office during the last year in connection with the cotton industry:

The annual appropriation bill for the Department of Agriculture, which was signed by the President on August 11, 1916, contains a reenactment, effective September 1, 1916, of the cotton futures act of August 18, 1914, with a few changes.

Section 11, by which orders sent abroad for the making of future contracts on foreign cotton exchanges are taxed, unless certain specified conditions are complied with, is omitted from the new act.

A new section, known as 6-A, has been inserted, which provides an optional contract, under which parties may, without being subject to tax, agree that under certain specified conditions the buyer may demand delivery of the basis grade named in the contract.

Another modification which will be of interest to the trade is the authority conferred upon the Secretary of Agriculture in case of disputes, even though only one question be referrred to him for determination, to include in his findings a complete classification of the cotton involved, for the purpose of delivery on future contracts. Under the old law the findings of the Secretary of Agriculture were limited to the specific questions of grade, quality, or length of staple referred to him. In other words, if the dispute involved grade only, and the length of staple was found to be less than seven-eighths of an inch, the minimum length permitted for delivery on future contracts, the Secretary had no authority to include in a statement as to the length of staple in his findings.

Section 13 of the new act confers certain additional authority on the Secretary of the Treasury, in connection with the performance of the duties imposed upon him by the act.

A statement prepared by the Office of Markets and Rural Organization in regard to the administration of the cotton futures act up to July 1, 1915, was included in the bulletin on Cotton Production and Distribution for the season of 1914-15. Since that date investigations made by officials of the Department of Agriculture have resulted in the addition of two cities to the list of bona fide spot markets designated by the Secretary of Agriculture, so that there are now 15 such markets. Eleven of these markets are used in the establishment of commercial differences governing settlements for cotton delivered on future contracts, as prescribed in the act.

In addition to the standards for grades of white cotton established and promulgated December 15, 1914, standards for tinged and stained cotton were established by the Secretary of Agriculture on January 28, 1916, as follows: Yellow tinged cotton of the grades of low middling, strict low middling, middling, strict middling, and good middling; yellow stained cotton of the grades of middling, strict middling, and good middling; and blue stained cotton of the grades of middling, strict middling, and good middling. Ten sets of practical forms of these standards for color have been prepared and stored in vacuum for future reference, to be opened whenever it is found necessary or desirable to check the accuracy and uniformity of sets in use. Other practical forms of these standards for color have been distributed to the future exchanges and to organizations in the designated spot markets and, so far, have met with the general approval of the trade. It is believed that their use will afford a more satisfactory basis for trading in cotton and for spot quotations than has been possible heretofore. These practical forms are furnished, upon request, to any person, at a cost of $25 for a complete set, or $2.50 for each box contained in fractional parts of a set.

On July 1, 1916, there had been distributed to exchanges, dealers, merchants, cotton mills, agricultural colleges, and textile schools in the United States 614 full sets and 78 fractional parts of sets, and to foreign countries 19 full sets and 1 fractional part of a set of practical forms of the official cotton standards for grade, represented by white cotton. There had also been distributed in this country 31 full sets of practical forms of the official cotton standards for color. A complete list of the exchanges and similar organizations, having adopted the official standards as of July 1, 1916, follows:

Mobile Cotton Exchange, Mobile, Ala.
Montgomery Cotton Exchange, Montgomery, Ala.
Selma Cotton Exchange, Selma, Ala.
Little Rock Cotton Exchange, Little Rock, Ark.
Atlanta Commercial Exchange, Atlanta, Ga.
Augusta Cotton Exchange, Augusta, Ga.
Savannah Cotton Exchange, Savannah, Ga.
New Orleans Cotton Exchange, New Orleans, La.
New England Cotton Buyers' Association, Boston, Mass.
Fall River Cotton Buyers' Association, Fall River, Mass.
St. Louis Cotton Exchange, St. Louis, Mo.
Clarksdale Cotton Exchange, Clarksdale, Miss.
Greenville Cotton Exchange, Greenville, Miss.
Greenwood Cotton Exchange, Greenwood, Miss.
Vicksburg Cotton Exchange, Vicksburg, Miss.
Yazoo City Cotton Exchange, Yazoo City, Miss.
New York Cotton Exchange, New York, N. Y.
Cotton Manufacturers' Association, Charlotte, N. C.
Oklahoma State Cotton Exchange, Oklahoma, Okla.
Charleston Cotton Exchange, Charleston, S. C.
Cotton Manufacturers' Association, Greenville, S. C.
Memphis Cotton Exchange, Memphis, Tenn.
Dallas Cotton Exchange, Dallas, Tex.
Fort Worth Grain and Cotton Exchange, Fort Worth, Tex.
Galveston Cotton Exchange, Galveston, Tex.
Houston Cotton Exchange, Houston, Tex.
Paris Cotton Exchange, Paris, Tex.
San Antonio Cotton Exchange, San Antonio, Tex.
Waco Cotton Exchange, Waco, Tex.
Texas Cotton Buyers' Association, Waco, Tex.
Norfolk Cotton Exchange, Norfolk, Va.

In continuation of the work of standardization, tentative standards have been prepared by the department for cotton of the kind grown in Arizona. Demonstrations based on these standaards have been conducted during the past two seasons in the Salt River Valley, and a report of this work has been published in Bulletin No. 311 of the Department of Agriculture, entitled "Handling and Marketing of the Arizona-Egyptian Cotton of the Salt River Valley."

Investigations are planned with a view to the establishment of standards representing specific lengths of staple, perished and immature staple, and gin-cut cotton. The physical effects of the various processes involved in ginning, baling, and compressing on the fiber of cotton are being investigated on a commercial scale.

A set of practical forms of the official cotton standards for grade, represented by white cotton, has been furnished to each field demonstration agent of the Department of Agriculture located in the South. Each of these sets has been placed in charge of the custodian selected by the county agent, where it will be accessible to farmers at all times. It will thus be possible for growers to ascertain the grade of their cotton, and it is believed that they will gradually learn the benefits to be derived from having this knowledge before their cotton is sold. Since practically all of the southern markets are now making quotations on the basis of the official cotton standards, the knowledge afforded by the use of these practical forms will render such quotations much more intelligible to the cotton farmer than they have been in the past. The department anticipates that it will be able to furnish the custodians with the quotations received from the spot markets, upon the basis of which they will be able to learn at all times approximately what is a just and equitable price for cotton in their respective communities.

Assistance has been given to farmers' organizations in Arkansas and North Carolina in the cooperative handling and marketing of their cotton, and this work is being enlarged during the present year to include certain sections of Texas, Georgia, and South Carolina.

A comprehensive survey of Texas and Oklahoma primary cotton markets has been conducted for the purpose of determining the relation between quality and price in the same market, in order to draw comparisons between different markets and between the primary markets and the ports of the United States.

Bales of cotton are being examined and tested in mills and textile schools, with a view to ascertaining the waste, tensile strength, and bleaching qualities of the various grades represented by the official cotton standards, in order to determine their relative commercial values. The results of these tests will be published in the near future. Spinning tests conducted during the seasons of 1913–14 and 1914–15, based on the tentative standards for Arizona cotton, have been completed and have been published in Bulletin No. 359 of the Department of Agriculture, entitled "Comparative Spinning Tests of Arizona-Egyptian with Sea Island and Sakellarides Egyptian Cottons."

Investigations relative to the marketing of cotton seed and its products are being made, primarily to ascertain the factors which influence or control the prices paid therefor, the advantages which may be secured by purchasers from marketing cotton seed cooperatively or through cooperative cotton-oil mills, and the uses to which cotton seed and its products are devoted. The locations of cottonseed-oil mills in the United States have been ascertained, and existing rules and customs relating to the grading, buying, and selling of cotton seed and its products have been compiled and are being studied, with the view of planning and promoting the use of uniform rules and standards for the handling of these products.

During the latter part of the fiscal year 1914 investigations were begun with a view to securing a complete list of all cotton-storage warehouses in certain states, including data in regard to the total storage capacity of such warehouses, charges for storage, rates of insurance on cotton stored in such warehouses, locations of the warehouses with reference to production and shipping centers, and other factors affecting cotton in storage. Some of the information collected has been tabulated and published in Bulletin No. 216 of the Department of Agriculture, entitled "Cotton Warehouses; Storage Facilities now Available in the South," and in Bulletin No. 277, "Cotton Warehouse Construction."

The warehouse act, approved August 11, 1916, as a part of the annual appropriation act for the Department of Agriculture,

provides for the issuance by the Secretary of Agriculture of licenses for the conduct of warehouses in which cotton and certain other staple agricultural products may be stored, and for the bonding of such warehouses. The purpose of this legislation is to bring about the introduction into the channels of commerce of uniform warehouse receipts of such a reliable character as to be easily and widely negotiable. It is not, however, compulsory that any warehouseman be licensed by the Secretary of Agriculture. The system is wholly permissive. The necessary rules and regulations for carrying into effect the provisions of the act are now in course of preparation and will be published and distributed at the earliest practicable date.

LONG-STAPLE COTTON.

The limited supply of cotton having a long staple, and the world-wide demand in normal times for cotton of this character for use in the manufacture of thread and the higher-grade fabrics, and recently of automomobile tires, have given such varieties an importance seemingly out of proportion to the amount produced. While at one time long-fiber sea-island cotton grown in the West Indies provided a large part of the total cotton used in Europe, the world's production of this variety at the present time is comparatively insignificant, averaging less than 100,000 bales per annum. The quantity of long-fiber cotton produced in Egypt last year was less than a million bales, and the quantity of upland cotton with a staple of 1⅛ inches or more in length produced in the United States from the crop of 1915, according to the estimate of the Department of Agriculture, was about 825,000 bales. Long-staple cotton is also produced in comparatively small quantities in India, Brazil, Peru, and several other countries. Altogether the total of long-staple cotton—that is, cotton having a fiber of 1⅛ inches or more in length—produced throughout the world from the crop of 1915 did not, in all probability, exceed 2,000,000 bales. As stated above, great interest attaches to cotton of this character under normal conditions, and statistics more or less in detail are presented regarding its cultivation in the United States.

Sea-island cotton.—Table 13 is a comparative statement, showing by states the quantity of sea-island cotton ginned in the United States from the crops of 1911 to 1915, the average gross weight of the bale, and the quantity ginned to specified dates during these years.

TABLE 13.—SEA-ISLAND COTTON—PRODUCTION, AVERAGE GROSS WEIGHT OF BALE, AND QUANTITY GINNED TO SPECIFIED DATES, BY STATES: 1911 TO 1915.

STATE.	Growth year	PRODUCTION.		Average gross weight of bale (pounds).	COTTON GINNED TO (RUNNING BALES)—								
		Bales (number).	Total gross weight (pounds).		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.
United States	1915	91,844	35,590,000	387.5	2,097	19,091	40,438	55,362	68,941	77,165	84,110	88,933	90,671
	1914	81,654	32,290,000	395.5	1,748	13,927	30,078	43,115	54,197	63,024	71,401	76,857	79,515
	1913	77,563	29,840,000	384.7	436	10,570	31,139	42,804	51,950	61,049	69,520	74,320	76,277
	1912	73,777	28,180,000	381.9	232	3,051	15,960	28,887	40,389	51,275	60,445	67,257	70,758
	1911	119,293	47,690,000	399.7	546	11,807	40,303	56,563	71,204	87,656	98,035	105,983	109,867
Florida	1915	28,094	10,470,000	372.7	378	5,405	12,831	17,841	22,532	24,914	26,721	27,715	27,989
	1914	33,662	12,780,000	379.6	602	5,927	13,738	19,142	23,751	27,531	30,488	32,305	33,221
	1913	25,587	9,250,000	361.3	140	4,049	12,259	16,353	19,542	22,207	24,126	25,166	25,366
	1912	22,334	8,270,000	370.4	167	1,630	6,976	11,067	15,052	17,826	19,505	21,035	21,916
	1911	41,270	15,490,000	375.4	233	4,381	15,110	21,038	26,818	32,350	35,585	38,091	39,340
Georgia	1915	57,572	22,960,000	398.7	1,718	13,637	26,938	36,145	44,156	48,877	52,937	55,631	56,723
	1914	42,395	17,490,000	412.6	1,146	7,907	15,884	23,096	28,800	33,091	37,395	39,999	41,204
	1913	43,305	17,500,000	404.1	295	6,443	17,808	24,570	29,355	34,346	39,014	41,768	42,650
	1912	43,736	17,220,000	393.6	64	1,258	8,148	16,276	22,573	29,756	35,418	39,543	41,529
	1911	72,904	30,400,000	417.0	313	7,405	24,453	33,841	41,730	51,496	58,008	63,099	65,577
South Carolina	1915	6,178	2,160,000	350.3	1	49	669	1,376	2,253	3,374	4,452	5,587	5,959
	1914	5,597	2,020,000	361.3	.....	93	456	877	1,646	2,402	3,518	4,553	5,090
	1913	8,671	3,090,000	356.7	1	78	1,012	1,878	3,053	4,496	6,380	7,386	8,261
	1912	7,707	2,690,000	348.7	1	103	836	1,544	2,464	3,693	5,522	6,629	7,313
	1911	5,119	1,803,000	350.6	.....	21	740	1,684	2,656	3,810	4,442	4,798	4,950

The sea-island cotton crop of 1915 amounted to 91,844 running bales, or 35,590,000 pounds gross weight. While larger than any of the three preceding crops, it was smaller than that of 1911. More than one-half of the total crop of sea-island cotton in 1915 was ginned prior to November 1, and more than three-fourths prior to December 1.

The ginning of sea-island cotton in the three producing states from the crop of 1915 was confined to 44 counties, comprising 15 counties in Florida, 26 in Georgia, and 3 in South Carolina. It was not grown, however, in all parts of the counties from which it was returned, in some instances only a small proportion of the total production of cotton being sea-island. The distribution of the crop by counties for the last five years will be found in Table 56, and the localities producing it in 1915 are represented on the map on page 32. It might be presumed that the high prices generally received for this cotton would cause a large increase in the acreage, but attempts to grow it in other parts of these states and in other states have been so unsatisfactory that practically all efforts to raise it outside of certain well-defined areas in the states named have been abandoned. Experiments in the growing of this cotton were made in Plaquemines Parish, La., and a few bales were produced there in 1911, 1912, and 1913. However, no sea-island cotton was returned for this parish in 1914 and 1915.

The best sea-island cotton produced in the United States is grown on the islands off the coast of South

Carolina by planters who have for many years paid the most careful attention to seed selection. The fiber produced is long and fine, and it is harvested and handled with such care that it commands a very high price. Growers who raise sea-island cotton in the interior must secure new seed from the coast region frequently in order to preserve the quality of the fiber, which degenerates rapidly into upland fiber when grown away from the coast. Aside from the consideration of suitable soil and climatic conditions, there are obstacles in the way of extending this culture beyond the present limits. Among these are: (1) Lack of proper experience in new territory in cultivating, harvesting, and handling; (2) objection to the small and partially closed sea-island bolls on the part of the pickers accustomed to upland varieties, notwithstanding the fact that they receive more for picking sea-island cotton than for picking upland cotton; (3) the necessity of using roller gins for sea-island cotton, since saws injure the fiber; and (4) the disadvantage of selling sea-island cotton in a market where the buyers are unaccustomed to it.

The sea-island cotton now being grown in the West Indies is said to surpass the average American product, and competes with that grown in South Carolina rather than with the less valuable varieties grown in Florida and Georgia. However, the total exports of sea-island cotton from the British West Indies for the year ending September 30, 1914, were only 3,810 bales of 500 pounds each. The growing of sea-island cotton in Santo Domingo has been attempted several times. It is stated that the regions in the vicinity of Puerta Plata are well suited to cotton growing and that there will be considerable development in this section.

Egyptian cotton.—The fiber of Egyptian cotton is not so strong nor so fine as that of sea-island, but it is nevertheless quite strong and of uniform length. It is prepared for market more carefully than most of the American fiber, and, being freer from waste, is more satisfactory on that account to the manufacturer. The imports of Egyptian cotton into the United States during the year ending July 31, 1916, amounted to 350,796 bales of 500 pounds each. The demand for Egyptian cotton by American manufacturers has led to efforts to grow in the United States cotton having its characteristics, and some encouragement has been given the movement by the success attending its culture in Arizona.

The status of the cultivation of Egyptian varieties of cotton in this country is presented in the following statement, prepared by the Department of Agriculture:

The abnormally low prices of 1914 caused a greatly diminished acreage to be planted to Egyptian cotton in Arizona in 1915. The total production last year amounted to only about 1,100 bales of 500 pounds each. This small crop sold at a much better price than in 1914, and consequently the acreage planted in 1916 increased to about 7,000 acres. A crop of about 4,000 bales is anticipated this year. The improvement in methods of production which is taking place as the farmers of the Salt River valley become better acquainted with this crop will probably result in larger average yields per acre than have previously been obtained.

Exceedingly high prices are now being paid for Egyptian cotton, especially for the Sakellarides variety, with which the Arizona product is expected to compete. The imports of cotton from Egypt into the United States during the past year have been exceedingly heavy, the increase being due largely to the unprecedented demand for automobile tire fabrics. Although data are lacking for a close estimate, it seems reasonable to conclude that at least 25 per cent of the total imports have been of the Sakellarides variety, which averages about 1½ inches in staple. In view of the strong demand for the type of cotton with which the Arizona product is most nearly in competition, the prospects for the permanent establishment of the Egyptian cotton industry in that state are better than ever before.

Long-staple upland cotton.—Formerly practically all of the long-staple upland cotton produced in the United States was grown in the Mississippi delta, where a market for handling cotton of this character had been created. With the increased demand for superior staple cottons, efforts were made in other sections of the cotton belt to grow improved varieties of upland cotton. This movement was accelerated by the fact that early-maturing varieties of short-staple cotton supplanted in a measure the long-staple varieties grown in the delta, where these later-maturing cottons were seriously damaged by the boll weevil. The net result has shown no pronounced increase in the quantity of long-staple upland cotton produced in the country, notwithstanding the efforts of those interested in this movement.

Complete data of the production of long-staple upland cotton are not available, and opinions as to the total amount vary greatly. The Bureau of Crop Estimates, of the Department of Agriculture, made an inquiry to determine what percentage of the total crop of 1915 was upland long staple, where this staple was principally produced, and the yields and selling prices compared with short-staple cotton. The results of this inquiry appear in the Monthly Crop Report, issued June 17, 1916, from which the following information is obtained:

Reports from about 5,000 cotton correspondents of the bureau were considered in preparing the percentages shown in the following statement of long-staple (1⅛ inches and over), short-staple (under 1⅛ inches), and sea-island cotton produced in 1915, with the yields secured and the prices obtained for each:

UPLAND LONG-STAPLE, SHORT-STAPLE, AND SEA-ISLAND COTTON—RELATIVE PRODUCTION, YIELDS PER ACRE, AND PRICES: 1915.

STATE.	PERCENTAGE OF TOTAL CROP.			YIELD OF LINT PER ACRE.			AVERAGE PRICE PER POUND.		
	Long staple.	Short staple.	Sea island.	Long staple.	Short staple.	Sea island.	Long staple.	Short staple.	Sea island.
	P. ct.	*P. ct.*	*P. ct.*	*Lbs.*	*Lbs.*	*Lbs.*	*Cts.*	*Cts.*	*Cts.*
United States..	7.4	91.9	0.7	176	179	149	13.4	11.3	22.6
Alabama	1.8	98.2	.....	155	148	.....	13.0	11.2	.....
Arizona	95.0	5.0	.....	250	350	.....	.....	.....	.....
Arkansas	14.4	85.6	.....	170	176	.....	13.3	11.5	.....
California	20.0	80.0	.....	*400*	*400*	.....	16.0	12.0	.....
Florida	1.0	55.0	44.0	130	140	123	12.5	10.9	23.0
Georgia	2.0	95.5	2.5	200	194	160	13.5	11.3	22.0
Louisiana	2.2	97.8	.....	150	158	.....	12.7	11.2	.....
Mississippi	23.1	76.9	.....	155	175	.....	14.6	11.4	.....
Missouri	20.0	80.0	.....	240	245	.....	12.0	11.0	.....
North Carolina	2.0	98.0	.....	260	270	.....	*13.8*	11.3	.....
Oklahoma	13.5	86.5	.....	163	154	.....	11.9	11.5	.....
South Carolina	8.0	91.5	0.5	228	232	145	15.3	11.3	25.0
Tennessee	7.0	93.0	.....	170	182	.....	13.0	11.2	.....
Texas	6.2	93.8	.....	165	147	.....	11.9	11.3	.....
Virginia	1.0	99.0	.....	200	212	.....	14.0	11.5	.....

The production of long-staple upland cotton, 1⅛ inches and upward, is estimated at 7.4 per cent of the total, equivalent to about 825,000 bales for the United States as a whole. The states of heaviest production are as follows: Mississippi, 220,000 bales; Texas, 200,000 bales; Arkansas, 118,000 bales; South Carolina, 91,000 bales; and Oklahoma, 86,000 bales.

In the sections devoted to the production of the rcognized varieties of long-staple cotton, there was in 1915 a general increase in its relative production, and in Mississippi the increase was also absolute and material. The wide introduction through the delta section of Mississippi of vigorous and early-fruiting varieties of long staple, some of which succeed as well as short staple under boll-weevil conditions, has revived and given increased impetus to the production of long staple, which had, prior to 1915, steadily declined, following the arrival of the boll weevil, and seemed, for a time, to be threatened by total extinction.

From a study of the returns, it appears that the proportion of 1⅛-inch cotton to all long staple is about half in South Carolina, materially less than half in Arkansas, while in Texas and Oklahoma, where relatively little attention has been given to the question of length of staple, the bulk of cotton ranking as long staple is of the length of 1⅛ inches. The variations may be better understood from the fact that in the Southeastern states, in Mississippi, and in a portion of Arkansas, the production of long-staple upland is largely the result of conscious effort, working with distinctly long-staple varieties, whereas in Texas, Oklahoma, and portions of the adjoining cotton states, the superior staples are, in the main, not grown from special long-staple varieties, but are merely good length lint of ordinary varieties of cotton grown under favorable conditions. This phenomenon is strikingly observed in Mississippi, where the same variety that gives a length of staple distinctly under 1 inch in the thin hill lands of that state will, in the rich delta section, give a length of up to 1 1/16 inches.

The principal areas of production of long staple appear to be the delta lands, extending through western and northwestern Mississippi, northeastern Louisiana, eastern and southeastern Arkansas, and into Tennessee; groups of counties in northeastern and in east-central Texas; the counties of Darlington, Chesterfield, Lee, and Marlboro in northern South Carolina, with some extension into the counties across the line in North Carolina; a group of counties along the Savannah River in Georgia and South Carolina; and small groups, or isolated counties, elsewhere.

The reports on yield per acre of long staple and short staple were not uniform, although, when averaged, showing short staple as the heaviest yielder by a slight margin in most of the States, including those in which the commercial production of long staple is prominent. To the contrary, the long staple appears to be the heaviest yielder in the important cotton states of Georgia, Alabama, Texas, and Oklahoma, in which the production of long staple is rather incidental, coming largely from the good varieties of ordinary short staple grown in good land. In fact, any comparison of the average yield of long staple with short staple must always take into consideration the fact that the long staple is regularly the product of the better farms.

The average price shows a margin of over 2 cents per pound for long-staple upland over that received for short staple. The greatest margin of difference is in the states of Mississippi and South Carolina, where greatest attention is given to the production of distinct long-staple varieties, for which a premium of 5 cents or over per pound is frequently realized. In those sections where special attention is given to length of staple and this factor is recognized and considered in fixing cotton values, the difference is always material. As might be expected, the price is found to be less where the factor of length has not been given due consideration in fixing the value, and where the excess length is not marked, as when the great bulk of such long staple is 1⅛ inches, this condition being met with particularly in Oklahoma and Texas.

Judging by the returns from this and last year's inquiry, profit to the average farmer in growing long-staple cotton, assuming, first, the possession of the essential natural factors of suitable soil, climate, seed, etc., seems to be dependent largely on the possibility of concerted action by a considerable body of neighboring cotton growers; in other words, upon community action, by which cooperation suitable ginning facilities may be provided, deterioration of seed guarded against, the difficulties of the labor problem minimized, and, possibly, most important of all, the problem of marketing the long staple can be minimized, if not solved.

The new long-staple varieties developed by the specialists in the Bureau of Plant Industry now figure for the first time in the statistics. They are earlier and more productive than the varieties that furnished the long-staple crop before the boll weevil came. They have the same habits of growth as short-staple varieties, mature in the same period, and can be grown to advantage in many districts which have been limited in the past to short staples. The new early-maturing varieties make it possible not only to continue the planting of long-staple cotton in the former centers, but to extend and stabilize the production of upland long staple in new districts.

The chief difficulty that attends the establishment of long-staple production in new districts is the lack of an effective system of maintaining the supply of pure seed. It is only in communities regularly organized for the purpose that adequate supplies of pure seed are likely to be maintained. Accordingly special efforts are being made to establish the cultivation of the new varieties, as far as possible, in well-organized communities. The manufacturers, as well as the farmers, should be interested in this effort, since it is only in such communities that a regular production of superior fiber is to be expected. While other districts may be able to produce good fiber when pure seed is planted, there is no prospect of continued production of superior fiber where long and short staple varieties are planted indiscriminately and sent to the same gins.

NUMBER OF GINNERIES.

The number of ginneries, both active and idle, reported for each year from 1911 to 1915, and the average number of running bales ginned per active establishment, are shown, by states, in Table 14.

Notwithstanding the decided increase in the quantity of cotton ginned from the crops of 1911, 1912, 1913, and 1914, as compared with previous years, the total number of active ginneries has been decreasing. This tendency was emphasized by the comparatively small crop of 1915. Excepting California, each of the states reported a decrease, as compared with 1914, Texas showing a loss of 268, Alabama 222, Georgia 158, Mississippi 155, South Carolina 112, and Arkansas and North Carolina each 111.

The average number of bales ginned per establishment was 478 in 1915, 648 in 1914, 567 in 1913, 535 in 1912, and 592 in 1911, the size of the crop necessarily affecting the average. As a result of the more general use of larger and more modern ginneries in the newer portions of the cotton belt, the average number of bales ginned per establishment is naturally larger for these sections.

It is the practice of the bureau to retain on the official list and to class as "idle" all establishments which contain the machinery necessary for ginning, and which may be operated at some future time, and to drop from the list as "dismantled" only those not properly equipped with ginning machinery. This, in part, accounts for the relatively large number of idle establishments. The numbers of active and of idle ginneries in each county are shown in Table 57.

TABLE 14.—NUMBER OF ACTIVE AND IDLE GINNERIES, AND AVERAGE NUMBER OF RUNNING BALES, EXCLUDING LINTERS, GINNED PER ACTIVE ESTABLISHMENT, BY STATES: 1911 TO 1915.

STATE.	Growth year.	NUMBER OF GINNERIES. Total.	Active.	Idle.	Average number of running bales ginned per active establishment.
United States	1915	26,721	23,162	3,559	478
	1914	27,339	24,547	2,792	648
	1913	27,649	24,749	2,900	567
	1912	28,358	25,279	3,079	535
	1911	29,225	26,349	2,876	592
Alabama	1915	3,132	2,753	379	373
	1914	3,233	2,975	258	582
	1913	3,252	2,989	263	498
	1912	3,417	3,130	287	426
	1911	3,569	3,295	274	516
Arkansas	1915	1,975	1,769	206	446
	1914	2,036	1,880	156	532
	1913	2,080	1,923	157	541
	1912	2,140	1,921	219	402
	1911	2,232	2,019	213	450
California	1915	20	14	6	2,042
	1914	16	14	2	3,455
	1913	9	9	.....	2,490
	1912	10	8	2	992
	1911	9	7	2	1,402
Florida	1915	261	203	58	273
	1914	263	220	43	412
	1913	286	221	65	302
	1912	303	247	56	238
	1911	310	276	34	342
Georgia	1915	4,262	3,704	558	523
	1914	4,338	3,862	476	705
	1913	4,351	3,867	484	607
	1912	4,514	3,993	521	454
	1911	4,727	4,254	473	657
Louisiana	1915	1,437	1,086	351	310
	1914	1,489	1,187	302	381
	1913	1,525	1,198	327	365
	1912	1,599	1,132	467	332
	1911	1,675	1,233	442	310
Mississippi	1915	2,738	2,204	534	420
	1914	2,814	2,359	455	516
	1913	2,923	2,409	514	520
	1912	3,070	2,598	472	387
	1911	3,357	2,864	493	408
Missouri	1915	108	90	18	518
	1914	112	98	14	800
	1913	114	102	12	625
	1912	113	103	10	520
	1911	108	105	3	868
North Carolina	1915	2,874	2,514	360	293
	1914	2,938	2,625	313	370
	1913	2,988	2,715	273	308
	1912	3,066	2,810	256	323
	1911	3,125	2,897	228	389
Oklahoma	1915	1,117	965	152	645
	1914	1,143	1,062	81	1,161
	1913	1,151	1,035	116	834
	1912	1,153	1,051	102	977
	1911	1,129	1,068	61	970
South Carolina	1915	3,401	3,069	332	383
	1914	3,467	3,181	286	490
	1913	3,466	3,216	250	441
	1912	3,532	3,258	274	376
	1911	3,567	3,331	236	508
Tennessee	1915	624	562	62	527
	1914	627	575	52	647
	1913	639	565	74	649
	1912	666	584	82	458
	1911	666	603	63	713
Texas	1915	4,610	4,093	517	750
	1914	4,694	4,361	333	1,007
	1913	4,695	4,352	343	872
	1912	4,607	4,300	307	1,083
	1911	4,591	4,260	331	970
Virginia	1915	145	121	24	135
	1914	153	133	20	190
	1913	154	134	20	183
	1912	153	135	18	189
	1911	149	131	18	237
All other states [1]	1915	17	15	2	464
	1914	16	15	1	888
	1913	16	14	2	676
	1912	15	9	6	345
	1911	11	6	5	1,157

[1] Includes Arizona, Kansas, Kentucky, and New Mexico.

ACREAGE AND PRODUCTION.

Table 15 shows, by states, for selected years, the cotton acreage harvested, together with the production of cotton. The estimated acreage planted in 1916 is also given.

According to the revised estimate of the Department of Agriculture, the area planted in cotton in 1915 was 32,107,000 acres, of which 695,000 acres, or 2.2 per cent, were abandoned, leaving 31,412,000 acres as the area from which the crop was harvested. This is the smallest acreage for any crop since 1907 and was occasioned by the demoralized state of the cotton market following the outbreak of the European war. The average production of lint per acre in 1915, as estimated by the Department of Agriculture, was 170 pounds, which compares with 209 pounds in 1914, 182 pounds in 1913, 191 pounds in 1912, and 208 pounds in 1911. The average yield per acre in North Carolina in 1915 was 260 pounds, in Missouri 240 pounds, in South Carolina 215 pounds, in Georgia, 189 pounds, and in California, where cotton is grown on irrigated land, 380 pounds. In Oklahoma the average was only 162 pounds, compared with 212 pounds in 1914. When conditions are favorable the yield of cotton in some localities approaches a bale to the acre. This is largely the result of improved cultural methods, which involve thorough preparation of the soil, the use of commercial fertilizers, rotation of cotton with leguminous crops, and frequent and intelligent cultivation. With the more general adoption of intensive farming there may be a large increase in production without any general extension of acreage.

In 1839 cotton was grown in Delaware, Maryland, Indiana, and Illinois, the last-named state alone producing more than 5,000 bales. Under the stimulus of the high prices following the Civil War, cotton was grown to a limited extent in West Virginia, Nevada, California, Illinois, and Utah, in all of which states its cultivation subsequently ceased. New Mexico, which produced more than 7,000 pounds of cotton in 1859, and afterwards abandoned its culture, has again established the industry, while California, as previously stated, has also resumed the cultivation of cotton.

TABLE 15.—COTTON ACREAGE HARVESTED AND PRODUCTION, BY STATES, FOR SELECTED YEARS: 1839 TO 1916.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are excluded. Census statistics of acreage prior to 1879 are not available. The statistics of acreage and of production for the census years 1879, 1889, 1899, and 1909, and those of production since 1898, are census figures based on actual canvas, while the others are as estimated by the United States Department of Agriculture.]

GROWTH YEAR.	United States.	Alabama.	Arkansas.	Florida.	Georgia.	Louisiana.	Mississippi.	Missouri.[1]	North Carolina.	Oklahoma.	South Carolina.	Tennessee.	Texas.	Virginia.
1916—Acres [2]	35,994,000	3,468,000	2,599,000	207,000	5,516,000	1,212,000	3,202,000	259,000	1,469,000	2,600,000	2,938,000	897,000	11,583,000	44,000
1915—Acres	31,412,000	3,340,000	2,170,000	193,000	4,825,000	990,000	2,735,000	150,000	1,282,000	1,895,000	2,516,000	772,000	10,510,000	34,000
Bales	11,068,173	1,025,818	789,583	55,354	1,937,730	336,813	925,509	82,192	737,354	622,176	1,174,213	296,222	3,068,852	16,357
1914—Acres	36,832,000	4,007,000	2,480,000	221,000	5,433,000	1,299,000	3,054,000	212,000	1,527,000	2,847,000	2,861,000	915,000	11,931,000	45,000
Bales	15,905,840	1,731,751	999,237	90,648	2,723,094	452,261	1,217,883	140,109	970,479	1,232,638	1,560,195	372,068	4,390,200	25,277
1913—Acres	37,089,000	3,760,000	2,502,000	188,000	5,318,000	1,244,000	3,067,000	126,000	1,576,000	3,009,000	2,790,000	865,000	12,597,000	47,000
Bales	13,982,811	1,483,669	1,038,293	66,700	2,346,237	436,865	1,251,841	95,629	837,995	842,499	1,418,704	366,786	3,773,024	24,569
1912—Acres	34,283,000	3,730,000	1,991,000	224,000	5,335,000	929,000	2,889,000	112,000	1,545,000	2,665,000	2,695,000	783,000	11,338,000	47,000
Bales	13,488,539	1,328,297	770,937	58,833	1,812,778	374,793	1,004,376	64,573	906,351	1,005,109	1,224,245	267,439	4,645,309	25,499
1911—Acres	36,045,000	4,017,000	2,363,000	308,000	5,504,000	1,075,000	3,340,000	141,000	1,624,000	3,050,000	2,800,000	837,000	10,943,000	43,000
Bales	15,553,073	1,695,284	908,014	94,471	2,794,295	380,826	1,169,066	107,879	1,126,276	1,016,538	1,692,146	430,027	4,107,152	31,099
1910—Acres	32,403,000	3,560,000	2,238,000	257,000	4,873,000	975,000	3,317,000	109,000	1,478,000	2,204,000	2,534,000	765,000	10,060,000	33,000
Bales	11,568,334	1,192,179	798,156	67,172	1,812,178	246,788	1,212,104	68,694	753,087	919,842	1,210,968	321,103	2,949,968	16,095
1909—Acres	32,044,000	3,731,000	2,153,000	263,000	4,883,000	957,000	3,400,000	106,000	1,274,000	1,977,000	2,557,000	788,000	9,930,000	25,000
Bales	10,072,731	1,040,137	697,603	61,877	1,850,125	258,459	1,073,105	46,785	633,746	552,678	1,137,382	240,757	2,469,331	10,746
1908—Acres	32,444,000	3,591,000	2,296,000	265,000	4,848,000	1,550,000	3,395,000	87,000	1,458,000	2,311,000	2,545,000	754,000	9,316,000	28,000
Bales	13,086,005	1,332,003	996,093	70,598	1,977,050	466,543	1,620,325	60,025	683,628	689,345	1,215,848	334,084	3,627,350	13,113
1907—Acres	31,311,000	3,439,000	1,950,000	265,000	4,774,000	1,622,000	3,220,000	71,000	1,408,000	2,196,000	2,426,000	749,000	9,156,000	35,000
Bales	11,057,822	1,113,093	751,851	56,668	1,860,323	662,032	1,442,881	36,415	637,961	848,077	1,163,565	266,433	2,208,021	9,602
1906—Acres	31,374,000	3,658,000	2,097,000	283,000	4,610,000	1,739,000	3,408,000	91,000	1,374,000	1,981,000	2,389,000	814,000	8,894,000	36,000
Bales	12,983,201	1,241,133	894,268	61,473	1,632,703	955,473	1,483,408	53,684	611,258	871,961	912,602	293,023	3,957,619	14,596
1905—Acres	26,117,153	3,500,168	1,718,751	256,173	3,738,703	1,561,774	3,051,265	66,444	1,085,568	1,234,822	2,161,923	757,397	6,945,501	38,664
Bales	10,495,105	1,228,000	598,915	78,838	1,725,272	511,738	1,168,059	41,664	652,815	660,027	1,112,363	269,030	2,432,718	15,666
1904—Acres	30,053,739	3,611,731	2,051,185	267,372	4,227,188	1,745,865	3,632,458	79,403	1,306,968	1,315,663	2,531,875	881,341	8,355,491	47,199
Bales	13,451,337	1,451,362	991,223	87,525	1,962,890	1,083,683	1,774,464	51,434	749,712	796,382	1,192,926	320,317	3,062,203	17,216
1903—Acres	28,016,893	3,608,049	1,925,191	268,666	4,048,912	1,642,463	3,327,960	68,529	1,155,028	1,029,357	2,318,100	783,196	7,801,578	39,864
Bales	9,819,969	987,224	715,588	58,572	1,305,844	818,087	1,410,805	36,839	555,320	456,704	814,351	240,808	2,406,146	13,681
1902—Acres	27,114,103	3,501,614	1,901,758	253,961	3,863,542	1,617,586	3,183,989	61,830	1,075,743	1,017,090	2,205,016	754,600	7,640,531	36,843
Bales	10,588,250	965,518	949,101	67,287	1,475,834	866,911	1,423,395	42,289	567,530	530,709	948,005	307,102	2,427,994	16,575
1901—Acres	27,220,414	3,642,964	1,854,482	254,596	4,006,199	1,586,124	3,193,570	55,183	1,112,260	837,673	2,248,569	737,337	7,656,312	35,145
Bales	9,582,520	1,112,892	712,492	57,144	1,373,857	834,048	1,252,728	29,951	450,128	371,029	731,561	194,847	2,447,834	14,009
1900—Acres	25,758,139	3,403,746	1,742,787	235,451	3,783,015	1,480,781	3,194,795	50,173	1,091,034	709,006	2,195,252	662,612	7,178,915	30,572
Bales	10,102,102	1,028,640	801,034	55,696	1,256,901	705,061	1,037,029	27,130	508,302	346,237	779,849	215,375	3,329,015	11,833
1899—Acres	24,275,101	3,202,135	1,641,855	221,825	3,513,839	1,376,254	2,897,920	48,201	1,007,020	682,743	2,074,081	623,137	6,960,367	25,724
Bales	9,393,242	1,086,667	702,512	56,821	1,287,386	701,662	1,239,373	19,582	472,770	209,611	874,744	207,551	2,525,324	9,239
1898—Acres	24,967,295	3,003,176	1,876,467	152,452	3,535,205	1,281,691	2,900,298	82,498	1,311,708	530,799	2,353,213	896,722	6,991,904	51,162
Bales	11,189,205	1,176,042	919,469	35,064	1,378,731	717,747	1,247,128	33,207	629,620	316,864	1,035,414	322,820	3,363,109	13,990
1897—Acres	24,319,584	2,709,460	1,619,785	251,109	3,537,702	1,245,399	2,778,610	83,784	1,302,437	534,656	2,074,778	967,077	7,164,175	50,612
Bales	10,897,857	1,112,681	942,267	53,657	1,350,781	788,325	1,524,771	27,082	646,726	317,561	1,030,085	268,635	2,822,408	12,878
1896—Acres	23,273,209	2,656,333	1,542,652	264,325	3,468,335	1,245,399	2,835,316	79,373	1,228,714	219,674	2,014,348	912,337	6,758,656	47,747
Bales	8,532,705	833,789	605,643	48,730	1,299,340	567,251	1,201,000	24,717	521,795	122,956	936,463	236,781	2,122,701	11,539
1895—Acres	20,184,808	2,371,726	1,186,655	191,540	3,069,323	1,142,568	2,487,119	48,212	1,050,183	238,940	1,814,728	712,763	5,826,428	44,623
Bales	7,161,094	663,916	520,860	38,722	1,067,377	513,843	1,013,358	11,934	397,752	82,771	764,700	172,560	1,905,337	7,964
1894—Acres	23,687,950	2,664,861	1,483,319	201,621	3,610,968	1,313,296	2,826,272	72,107	1,296,522	262,890	2,160,391	879,954	6,854,621	61,128
Bales	9,901,251	900,439	748,206	50,729	1,247,952	769,757	1,231,227	25,543	479,441	135,566	862,604	304,981	3,140,392	13,414
1893—Acres	19,525,000	2,316,000	1,867,250	165,000	3,050,000	946,000	2,845,400	310,670	1,180,000	[3]	1,885,000	805,920	4,153,760	[3]
Bales	7,493,000	810,000	679,000	55,000	1,000,000	473,000	1,050,000	103,000	400,000	[3]	650,000	276,000	1,997,000	[3]
1889—Acres	20,175,270	2,761,165	1,700,578	227,370	3,345,104	1,270,154	2,883,278	60,620	1,147,136	71,187	1,987,469	747,471	3,934,525	39,213
Bales	7,472,511	915,210	691,494	57,928	1,191,846	659,180	1,154,725	16,941	336,261	34,540	747,190	190,579	1,471,242	5,375
1884—Acres	17,439,612	2,740,941	1,259,858	268,111	2,958,930	922,581	2,392,447	70,920	1,061,048	[3]	1,716,128	815,678	3,186,668	46,302
Bales	5,682,000	648,700	531,400	57,300	807,400	485,200	883,200	30,200	404,100	[3]	511,800	313,800	995,400	13,500
1879—Acres	14,480,019	2,330,086	1,042,976	245,595	2,617,138	864,787	2,106,215	34,783	893,153	35,000	1,364,249	722,562	2,178,435	45,040
Bales	5,755,359	699,654	608,256	54,997	814,441	508,569	963,111	21,685	389,598	17,000	522,548	330,621	805,284	19,595
1869—Bales [4]	3,011,996	429,482	247,968	39,789	473,934	350,832	564,938	2,965	144,935	.....	224,500	181,842	350,628	183
1859—Bales [4]	5,387,052	989,955	367,393	65,153	701,840	777,738	1,202,507	42,886	145,514	.....	353,412	296,464	431,463	12,727
1849—Bales [4]	2,469,093	564,429	65,344	45,131	499,091	178,737	484,292	772	73,845	.....	300,901	194,532	58,072	3,947
1839—Bales [4]	2,063,915	305,846	15,741	31,620	426,612	398,317	504,965	2,662	135,578	.....	161,123	72,327	.....	9,124

[1] Includes statistics for other cotton-producing localities not named; also for Oklahoma and Virginia in 1893 and for Oklahoma in 1884.
[2] The data for 1916 relates to acreage planted.
[3] Included with Missouri.
[4] The statistics of bales for 1849, 1859, and 1869 are in equivalent 400-pound bales, as expressed in the census reports for those years; those for 1839 are in equivalent bales of 383 pounds, net weight.

LOCALIZATION OF COTTON GINNING.

The cotton crop of 1915 was ginned in 886 counties, that of 1914 in 897, that of 1913 in 888, and that of 1912 in 877. In several instances there were counties in which the ginneries were active for one crop and idle for another, this fact accounting, in part, for the differences in the number of counties for the different crops. Table 16 gives the number of counties, by states, from which cotton ginning was reported, and classifies the counties according to the total quantities returned by the ginners.

TABLE 16.—COTTON-PRODUCING COUNTIES, CLASSIFIED ACCORDING TO QUANTITY OF COTTON GINNED, BY STATES: 1911 TO 1915.

STATE.	Growth year.	NUMBER OF COUNTIES GINNING— Total.	Less than 5,000 bales.	5,000 to 10,000 bales.	10,000 to 15,000 bales.	15,000 to 25,000 bales.	25,000 to 40,000 bales.	40,000 bales and over.
United States	1915	886	308	164	124	175	79	36
	1914	897	245	117	112	179	159	85
	1913	888	265	143	117	174	127	62
	1912	877	264	145	129	173	109	57
	1911	883	243	119	122	178	137	84
Alabama	1915	67	8	13	15	22	9	.....
	1914	67	4	2	7	19	28	7
	1913	67	3	7	7	23	24	3
	1912	67	3	6	13	22	20	3
	1911	67	3	3	8	22	23	8
Arkansas	1915	71	22	19	8	14	6	2
	1914	71	16	13	14	20	4	4
	1913	71	13	18	11	19	6	4
	1912	71	18	17	15	17	4	.....
	1911	71	16	14	17	17	5	2
Florida	1915	24	22	1	1	.....	.....	.....
	1914	24	17	6	.....	1	.....	.....
	1913	24	23	.....	.....	1	.....	.....
	1912	24	23	.....	.....	1	.....	.....
	1911	24	19	4	.....	1	.....	.....
Georgia	1915	147	29	31	31	42	12	2
	1914	148	22	17	25	43	33	8
	1913	143	24	19	32	41	21	6
	1912	142	26	38	32	36	10	.....
	1911	140	20	15	22	41	31	11
Louisiana	1915	51	27	11	5	7	1	.....
	1914	53	25	7	11	8	2	.....
	1913	54	27	10	7	5	4	1
	1912	52	27	9	9	5	1	1
	1911	52	27	9	7	8	1	.....
Mississippi	1915	78	35	16	9	9	5	4
	1914	78	31	10	11	12	8	6
	1913	77	29	9	13	12	8	6
	1912	76	27	10	13	17	3	6
	1911	77	19	11	15	20	7	5
Missouri	1915	11	8	1	1	1	.....	.....
	1914	11	8	.....	1	1	1	.....
	1913	11	8	1	.....	1	1	.....
	1912	10	7	1	1	.....	1	.....
	1911	11	7	1	.....	1	1	1
North Carolina	1915	74	30	19	8	11	5	1
	1914	73	23	17	12	7	12	2
	1913	75	27	21	9	8	9	1
	1912	75	27	18	10	8	11	1
	1911	74	21	17	11	11	8	6
Oklahoma	1915	62	19	15	10	15	3	.....
	1914	66	18	5	4	16	16	7
	1913	63	15	9	14	16	8	1
	1912	63	17	5	9	20	10	2
	1911	66	16	10	6	21	11	2
South Carolina	1915	44	3	3	5	11	17	5
	1914	44	.....	3	2	9	17	13
	1913	44	1	3	2	12	16	10
	1912	44	1	5	5	11	16	6
	1911	43	.....	3	.....	9	13	18
Tennessee	1915	34	16	5	6	6	.....	1
	1914	33	13	4	6	4	5	1
	1913	32	12	8	1	5	5	1
	1912	32	16	5	4	6	.....	1
	1911	33	13	4	5	4	6	1
Texas	1915	204	72	29	25	37	20	21
	1914	211	55	29	19	39	33	36
	1913	209	69	35	21	30	25	29
	1912	204	58	28	18	30	33	37
	1911	209	70	24	31	23	31	30
All other states	1915	19	17	1	.....	.....	1	.....
	1914	18	13	4	.....	.....	.....	1
	1913	18	14	3	.....	1	.....	.....
	1912	17	14	3	.....	.....	.....	.....
	1911	16	12	4	.....	.....	.....	.....

Of the total number of counties reporting cotton ginned from the crop of 1915, 308 returned less than 5,000 equivalent 500-pound bales each, as compared with 245 from the crop of 1914, 265 from the crop of 1913, 264 from the crop of 1912, and 243 from the crop of 1911. For many of these counties the quantity of cotton reported is small, in some cases only one or two ginneries being operated in a county. There were 115 counties which reported more than 25,000 bales in 1915, of which 20 reported more than 50,000 bales each, 6 more than 75,000 bales each and 2—Bolivar County, Mississippi, and Ellis County, Texas—more than 100,000 bales each.

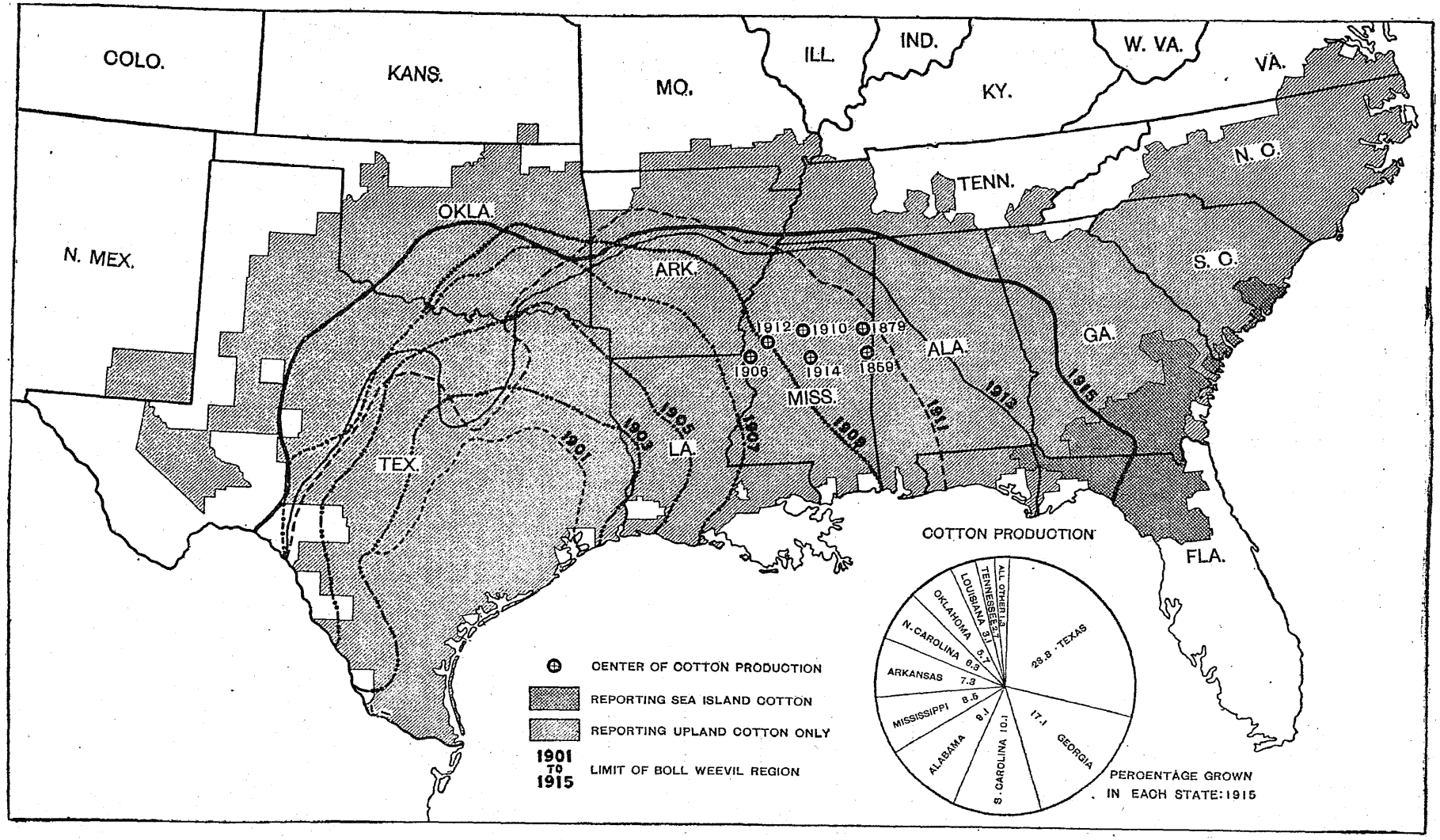
The counties reporting cotton ginned are indicated on the United States map on page 32, while on the state maps (pp. 91 to 99, inclusive) the counties ginning cotton are designated according to the production in 500-pound bales.

Table 56 shows the quantity of sea-island cotton ginned to December 13 and for the season, by counties, Table 57 gives similar data for sea-island and upland cotton combined, as well as the numbers of active and idle ginneries, and Table 58 presents statistics of cotton ginned to specified dates and throughout the season. Linters are not included in these tables.

MAP 1.—COTTON-PRODUCING AREA OF THE UNITED STATES IN 1915, AND CENTER OF PRODUCTION: 1859–1914.

The cotton-producing area of the United States, as shown by the returns of ginners, is indicated on the map below. Localities producing upland cotton only are represented by diagonal lines, and those producing sea-island or both sea-island and upland, by intercrossed lines. On pages 91 to 99 will be found maps of the principal cotton-producing states, upon which are indicated the relative quantities of cotton produced by counties in 1915.

The centers of production in the United States for the crops of 1859, 1879, 1906, 1910, 1912, and 1914 are indicated on the map below. The center of production in 1859 was approximately 13 miles southeast of Macon, in Noxubee County, Miss.; in 1879 it was 11 miles south of Columbus, in Lowndes County; in 1906 it was 5 miles northeast of Mayersville, in Issaquena County; in 1910 it was 3 miles southwest of Vaiden, in Carroll County; in 1912 it was in Sharkey County, 2 miles north of Midnight; and in 1914 it was 1 mile northwest of Sharpsburg, Madison County.



CONSUMPTION AND STOCKS OF COTTON.

The collection of statistics of cotton consumed and of cotton held was inaugurated by this bureau in 1905, in compliance with the joint resolution of Congress approved February 9, 1905, which authorized that these data be published as of the 12 months ending August 31. The joint resolution approved March 2, 1909, authorized the collection and publition of similar data for periods ending with August, October, December, and February, while the act of Congress approved July 22, 1912, required that statistics of this character be collected for each calendar month. In accordance with this legislation, yearly reports were published from 1905 to 1909, four periodical reports each year from 1909 to 1912, and monthly reports have been published since September, 1912.

Table 17 presents comparative statistics for the United States for the years 1906 to 1916 and by states for 1912 to 1916 as to the number of cotton spindles, both total and active, the number of spindles consuming cotton mixed with other fibers, the quantity of domestic and foreign cotton consumed during the cotton year, and the quantity of domestic and foreign cotton held in consuming establishments at the end of the year. It also shows the quantity of linters consumed and held.

TABLE 17.—SPINDLES, RAW COTTON AND LINTERS CONSUMED, AND STOCKS HELD IN CONSUMING ESTABLISHMENTS: UNITED STATES, 1906 TO 1916, AND BY STATES, 1912 TO 1916.

[The statistics for 1915 and 1916 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

STATE.	Year.	COTTON SPINDLES.		Spindles consuming cotton mixed with other fibers.	COTTON (EXCLUSIVE OF LINTERS).						LINTERS.	
					Consumed (bales).			Stocks in consuming establishments at end of year (bales).			Consumed (bales).	Stocks in consuming establishments at end of year (bales).
		Total.	Active.		Total.	Domestic.	Foreign.	Total.	Domestic.	Foreign.		
United States	1916	33,333,176	32,805,883	495,000	6,397,613	6,080,618	316,995	1,632,245	1,489,727	142,518	880,916	100,441
	1915	32,840,730	31,964,235	394,505	5,597,302	5,375,305	222,057	1,401,185	1,292,403	108,782	411,845	198,905
	1914	32,744,012	32,107,572	414,058	5,577,408	5,383,099	194,309	675,873	611,724	64,149	307,325	75,346
	1913	32,149,617	31,519,766	454,733	5,483,321	5,250,392	232,929	717,704	637,725	79,979	303,009	60,454
	1912	31,582,679	30,578,528	500,206	5,129,346	4,921,683	207,663	818,024	733,248	84,776	238,237	52,622
	1911	30,803,662	29,522,597	456,242	4,498,417	4,322,987	175,430	498,769	417,345	81,424	206,561	43,422
	1910	28,929,093	28,266,862	.....	4,621,742	4,465,968	155,774	493,010	450,673	42,337	177,211	40,222
	1909	28,573,435	28,018,305	558,792	5,091,534	4,929,796	161,738	868,909	803,346	65,563	149,185	38,188
	1908	27,964,387	27,505,422	602,340	[1] 4,539,090	4,389,642	149,628	[1] 594,184	531,881	62,303	(1)	(1)
	1907	26,939,415	26,375,191	651,251	[1] 4,984,936	4,844,568	140,368	[1] 1,016,738	936,918	79,820	(1)	(1)
	1906	25,811,681	25,250,096	.....	[1] 4,909,279	4,770,804	138,475	[1] 680,471	640,353	40,118	(1)	(1)
Alabama	1916	1,126,846	1,111,660	.....	346,233	346,185	48	70,740	70,740	.....	6,032	1,076
	1915	1,075,859	1,028,036	.....	297,277	297,229	48	59,631	59,583	48	4,268	672
	1914	1,058,685	1,029,100	.....	287,335	287,096	239	17,433	17,340	93	6,027	1,328
	1913	1,000,080	993,580	.....	294,420	294,122	298	23,106	23,079	27	5,504	753
	1912	985,968	960,416	.....	262,544	262,109	435	21,647	21,512	135	4,645	578
Connecticut	1916	1,362,186	1,343,573	38,648	144,582	124,755	19,827	64,539	54,199	10,340	28,661	3,285
	1915	1,335,282	1,319,926	44,768	132,701	114,285	18,416	47,142	36,812	10,330	22,375	21,141
	1914	1,340,482	1,317,203	45,708	134,839	119,221	15,618	36,036	28,624	7,412	17,015	8,105
	1913	1,308,650	1,276,832	45,998	126,948	105,225	21,723	39,165	31,581	7,584	18,529	7,761
	1912	1,307,907	1,249,593	44,076	125,198	105,448	19,750	33,512	24,758	8,754	17,547	6,563
Georgia	1916	2,275,920	2,259,855	6,360	797,789	789,255	8,534	178,675	169,498	9,177	17,602	2,536
	1915	2,178,573	2,148,133	11,610	659,853	654,287	5,566	160,280	156,287	3,993	13,373	5,092
	1914	2,160,571	2,130,840	11,610	632,332	629,425	2,907	33,934	32,411	1,523	18,340	4,334
	1913	2,103,018	2,071,910	11,610	631,081	627,693	3,388	37,853	35,681	2,172	17,050	3,840
	1912	2,025,238	1,945,772	16,608	548,567	544,647	3,920	35,811	35,586	225	15,859	2,702
Illinois	1916	58,168	56,568	1,069	13,007	12,914	93	4,715	4,693	22	10,070	1,378
	1915	58,168	56,568	1,069	11,010	10,922	88	3,405	3,368	37	27,467	4,891
	1914	58,168	56,568	1,069	10,938	10,867	71	1,322	1,292	30	23,021	4,584
	1913	52,824	50,957	3,000	10,205	10,159	46	1,425	1,412	13	26,886	2,179
	1912	48,444	48,444	3,000	8,100	8,071	29	1,528	1,519	9	10,731	2,054
Indiana	1916	88,668	86,044	6,880	18,509	18,469	40	4,672	4,661	11	7,200	1,050
	1915	94,032	85,816	6,695	18,969	18,905	64	7,069	7,018	51	8,973	3,661
	1914	94,032	86,032	6,461	16,941	16,865	76	2,279	2,250	29	5,850	1,140
	1913	94,032	90,032	5,649	17,350	17,290	60	3,927	3,915	12	5,878	719
	1912	130,656	91,656	6,890	18,413	18,384	29	2,617	2,602	15	3,382	665
Kentucky	1916	87,944	87,944	.....	25,569	25,569	.....	7,429	7,429	.....	873	165
	1915	93,828	93,828	.....	25,498	25,498	.....	7,830	7,830	.....	4,188	2,332
	1914	97,759	97,759	.....	24,657	24,657	.....	2,724	2,724	.....	2,844	803
	1913	96,140	94,936	.....	24,453	24,453	.....	2,545	2,545	.....	2,257	691
	1912	93,628	92,424	.....	25,033	25,033	.....	2,939	2,939	.....	2,306	841
Louisiana	1916	79,563	59,563	.....	30,508	30,508	.....	1,201	1,201	.....	630	26
	1915	79,763	56,195	.....	26,753	26,753	.....	171	171	.....	1,822	222
	1914	86,095	38,764	.....	15,992	15,992	.....	221	221	.....	2,324	337
	1913	86,095	36,683	.....	13,545	13,545	.....	70	70	.....	2,500	250
	1912	86,088	36,676	.....	12,954	12,954	.....	170	170	.....	2,197	93
Maine	1916	1,108,790	1,090,006	12,868	193,534	188,751	4,783	62,945	59,667	3,278	179	36
	1915	1,104,209	1,079,503	10,628	176,088	172,632	3,456	53,018	50,303	2,715	168	21
	1914	1,117,228	1,112,716	13,504	181,262	178,332	2,930	27,173	25,481	1,692	61	12
	1913	1,096,986	1,078,394	11,952	175,240	172,743	2,497	27,758	26,571	1,187	31	11
	1912	1,052,674	1,047,466	16,376	166,537	164,381	2,156	30,072	29,083	989	13	2

[1] Linters consumed and on hand included under cotton. Separate statistics not available.

TABLE 17.—SPINDLES, RAW COTTON AND LINTERS CONSUMED, AND STOCKS HELD IN CONSUMING ESTABLISHMENTS: UNITED STATES, 1906 TO 1916, AND BY STATES, 1912 TO 1916—Continued.

[The statistics for 1915 and 1916 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

STATE.	Year.	COTTON SPINDLES.		Spindles consuming cotton mixed with other fibers.	COTTON (EXCLUSIVE OF LINTERS).						LINTERS.	
					Consumed (bales).			Stocks in consuming establishments at end of year (bales).			Consumed (bales).	Stocks in consuming establishments at end of year (bales).
		Total.	Active.		Total.	Domestic.	Foreign.	Total.	Domestic.	Foreign.		
Maryland	1916	151,904	147,009	9,000	85,514	85,503	11	6,488	6,487	1	883	1,177
	1915	157,380	142,113	.....	69,917	69,912	5	7,280	7,279	1	1,441	212
	1914	166,240	155,968	9,000	65,257	65,257	.....	4,333	4,333	.....	1,271	214
	1913	162,288	154,215	9,000	72,496	72,496	.....	4,446	4,446	.....	1,093	162
	1912	158,168	128,546	9,000	68,842	68,842	.....	6,009	6,009	.....	862	85
Massachusetts	1916	11,104,810	10,896,774	61,324	1,462,888	1,274,297	188,591	464,925	410,310	54,615	58,960	8,899
	1915	10,914,087	10,635,001	45,860	1,282,937	1,164,855	118,082	401,497	351,259	50,238	20,583	16,138
	1914	11,046,990	10,885,303	36,960	1,347,778	1,252,481	95,297	229,734	205,222	24,512	9,359	2,026
	1913	11,075,684	10,904,016	53,456	1,324,955	1,193,729	131,226	248,701	207,967	40,734	7,957	1,356
	1912	11,066,846	10,822,771	61,904	1,254,752	1,136,026	118,726	309,960	263,099	46,861	9,265	3,090
Mississippi	1916	166,984	128,794	.....	35,542	35,542	.....	5,528	5,528	.....	(1)	(1)
	1915	184,636	124,658	.....	32,386	32,386	.....	3,263	3,263	.....	(1)	(1)
	1914	190,216	137,568	.....	30,855	30,855	.....	1,387	1,387	.....	991	286
	1913	192,306	133,788	.....	31,993	31,993	.....	1,431	1,431	.....	1,299	36
	1912	191,092	132,766	.....	30,302	30,302	.....	2,194	2,194	.....	857	36
New Hampshire	1916	1,465,013	1,455,282	34,540	294,666	282,157	12,509	96,908	90,418	6,490	.....	.....
	1915	1,468,390	1,456,749	30,128	297,040	282,692	14,348	97,856	94,114	3,742	.....	.....
	1914	1,466,580	1,454,144	32,032	300,831	285,968	14,913	64,288	60,170	4,118	.....	.....
	1913	1,469,137	1,458,115	28,728	305,862	295,630	10,232	58,412	53,207	5,205	5	.....
	1912	1,453,778	1,445,161	33,436	294,989	287,144	7,845	78,120	74,940	3,189	106	9
New Jersey	1916	482,831	479,873	5,520	62,664	42,590	20,074	24,167	9,202	14,965	54,488	10,447
	1915	481,255	465,003	5,520	57,004	39,644	17,360	19,918	11,197	8,721	21,473	11,186
	1914	477,779	469,835	10,326	57,380	39,448	17,932	17,558	6,174	11,384	16,030	3,753
	1913	476,731	476,731	10,326	57,788	38,979	18,809	16,474	6,691	9,783	7,124	538
	1912	485,176	466,617	10,326	58,335	43,217	15,118	17,321	6,637	10,684	4,098	360
New York	1916	913,979	906,911	59,740	238,748	235,068	3,680	69,962	68,265	1,697	18,532	1,264
	1915	963,748	888,093	65,915	205,938	202,892	3,046	73,095	70,958	2,137	22,965	4,285
	1914	967,578	930,905	61,507	211,458	207,362	4,096	23,453	22,394	1,059	19,377	3,029
	1913	956,595	922,341	60,907	210,346	207,319	3,027	21,519	21,217	302	17,467	1,487
	1912	925,576	833,670	67,905	192,844	190,198	2,646	28,749	28,258	491	12,347	1,417
North Carolina	1916	4,053,206	3,988,098	6,204	1,067,288	1,061,150	6,138	208,941	206,422	2,519	6,272	290
	1915	3,915,842	3,823,298	7,484	910,154	902,671	7,483	157,702	155,740	1,962	3,758	567
	1914	3,813,940	3,770,316	5,400	906,177	898,363	7,814	72,507	70,613	1,894	3,854	577
	1913	3,593,999	3,565,261	5,360	869,915	861,387	8,528	68,577	66,238	2,339	6,444	998
	1912	3,403,996	3,337,253	6,700	819,555	811,376	8,179	81,959	80,139	1,820	4,921	1,081
Pennsylvania	1916	256,913	249,053	97,572	49,203	43,744	5,459	12,271	10,703	1,568	41,448	5,789
	1915	259,965	245,515	105,853	44,891	40,229	4,662	10,421	8,995	1,426	26,792	8,222
	1914	252,685	244,029	111,220	48,727	44,220	4,507	6,123	5,561	562	25,244	5,393
	1913	249,857	242,053	140,665	52,177	48,160	4,017	5,902	5,458	444	24,402	4,956
	1912	265,715	246,477	146,208	48,926	44,910	4,016	7,413	6,199	1,214	20,961	5,746
Rhode Island	1916	2,611,553	2,552,765	1,440	279,233	234,014	45,219	126,713	89,472	37,241	(1)	(1)
	1915	2,567,644	2,473,132	1,440	248,242	221,075	27,167	93,720	71,076	22,644	4,696	3,297
	1914	2,574,942	2,512,702	1,440	241,443	216,996	24,447	62,543	53,575	8,968	5,409	2,132
	1913	2,533,380	2,464,790	3,340	239,006	207,642	25,364	66,366	57,580	8,786	6,054	1,466
	1912	2,552,743	2,458,650	5,424	224,341	203,661	20,680	66,527	57,902	8,625	5,024	3,812
South Carolina	1916	4,743,193	4,735,193	3,080	914,532	914,506	26	152,702	152,702	.....	4,706	387
	1915	4,710,826	4,683,578	1,980	811,564	811,353	211	125,195	125,110	85	6,185	382
	1914	4,632,204	4,583,712	4,688	794,678	793,385	1,293	49,523	49,424	99	5,501	410
	1913	4,536,353	4,469,886	1,400	769,905	767,813	2,092	59,246	58,147	1,099	5,946	742
	1912	4,327,178	4,272,598	1,892	726,856	724,043	2,813	66,107	64,830	1,277	4,462	443
Tennessee	1916	319,148	319,148	17,357	98,707	98,627	80	19,613	19,592	21	25,566	2,353
	1915	322,052	316,104	14,965	83,330	83,231	99	24,971	24,965	6	14,334	1,563
	1914	296,620	293,010	17,325	79,590	79,537	53	7,665	7,661	4	8,116	1,678
	1913	271,634	269,102	19,904	74,320	74,312	8	9,860	9,860	.....	7,470	1,420
	1912	254,278	247,474	17,396	66,792	66,746	46	7,359	7,359	.....	6,649	1,476
Texas	1916	128,762	116,012	.....	59,181	59,063	118	9,586	9,586	.....	9,705	908
	1915	124,848	113,052	.....	50,813	50,813	.....	9,869	9,869	.....	11,867	2,061
	1914	124,628	112,408	.....	47,162	47,162	.....	2,689	2,689	.....	16,033	3,039
	1913	123,908	110,320	.....	40,585	40,585	.....	3,957	3,957	.....	17,769	1,832
	1912	114,352	97,556	.....	40,198	40,198	.....	1,993	1,993	.....	11,622	1,318
Vermont	1916	135,864	135,864	11,224	13,823	12,922	901	5,160	4,866	294	.....	.....
	1915	136,304	136,304	10,012	12,390	11,252	1,138	4,094	3,757	337	.....	.....
	1914	136,304	126,304	10,584	12,994	11,827	1,167	1,329	1,129	200	.....	.....
	1913	136,304	129,304	10,648	12,226	11,104	1,122	1,367	1,199	168	.....	.....
	1912	136,892	116,304	10,564	10,588	9,845	743	2,446	2,041	405	.....	.....
Virginia	1916	516,166	506,166	1,038	112,396	112,395	1	23,518	23,518	.....	(1)	(1)
	1915	513,434	503,434	1,038	97,714	97,714	.....	17,731	17,731	.....	(1)	(1)
	1914	477,886	473,386	1,044	85,566	85,566	.....	5,504	5,504	.....	6,589	175
	1913	426,920	426,920	1,044	88,544	88,544	.....	9,249	9,249	.....	6,520	654
	1912	414,148	407,548	2,128	81,107	81,107	.....	7,302	7,302	.....	5,070	529
All other states	1916	94,756	93,728	31,136	53,497	52,634	863	10,847	10,568	279	589,109	59,375
	1915	100,596	90,196	29,540	44,893	44,075	818	16,027	15,718	309	195,117	112,960
	1914	109,400	89,000	34,380	43,166	42,217	949	6,115	5,545	570	114,069	31,091
	1913	106,696	99,600	31,746	45,961	45,469	492	6,348	6,224	124	114,824	28,603
	1912	102,138	92,690	40,373	43,573	43,041	532	6,260	6,177	83	86,313	19,724

[1] Included in "All other states," to avoid disclosing the operations of individual establishments.

SPINDLES.

The term "cotton spindles" is applied to all spindles used for spinning cotton only, regardless of the character of the establishments in which located, and therefore does not include those which consumed a mixture of cotton and other fibers. The total number of cotton spindles returned for the United States was 33,333,176. The number operated during the year ending July 31, 1916, as shown in Table 17, was 32,805,883, or 841,648 more than the number for the previous year. There were 527,293 spindles returned as idle—that is, as having consumed no cotton whatever during the year. This number compares with 876,495 in 1915, 636,440 in 1914, and 1,004,151 in 1912. Of the idle cotton spindles reported in 1916, 159,460 were in plants not operated during the year and 367,833 in mills which consumed some cotton. The number of idle spindles included a small number of new spindles which had been installed before the close of the year, but which had not been brought into service.

In the total number of cotton spindles Massachusetts exceeds every other state, having 11,104,810, or 33.3 per cent of the total for the United States, in 1916; South Carolina ranks second, with 4,743,193, or 14.2 per cent; North Carolina third, with 4,053,206, or 12.2 per cent; Rhode Island fourth, Georgia fifth, New Hampshire sixth, Connecticut seventh, Alabama eighth, and Maine ninth. No other state reported as many as a million spindles. The states showing the largest net gains during the year were Massachusetts, North Carolina, Georgia, and Alabama, in the order named.

In addition to the spindles designed primarily to spin cotton, 405,000 spindles were returned as having consumed during the year raw cotton mixed with other fibers. The corresponding numbers for previous years were 394,505 in 1915; 414,058 in 1914; 454,733 in 1913; and 500,206 in 1912. The variations in the number of spindles so used is due to the fact that, in some establishments, spindles employed during one year in spinning cotton mixed with some other fiber use no raw cotton whatever during another year. Attention is also called to the fact that a few establishments did not report the number of spindles of this character, stating that the data were not available. The states reporting the largest numbers of spindles that consumed raw cotton mixed with other fibers are those which led in the manufacture of woolen goods and hosiery and knit goods. Of the total number of such spindles reported, 97,572, or 24.1 per cent, were returned from Pennsylvania, 61,324 from Massachusetts, 59,740 from New York, and 38,648 from Connecticut.

Localization of cotton spinning.—The importance of the cotton-spinning industry in certain localities is shown by the following table. This table gives the total number of spindles in each county having more than 100,000 producing cotton spindles, the counties being arranged in the order of their importance in this respect.

TABLE 18.—COUNTIES IN THE UNITED STATES HAVING MORE THAN 100,000 COTTON SPINDLES EACH, ARRANGED IN ORDER OF NUMBER OF SPINDLES: 1916.

COUNTY.	Spindles (number).	COUNTY.	Spindles (number).
Bristol, Mass.	7,197,375	Pickens, S. C.	207,556
Providence, R. I.	1,665,427	Fulton, Ga.	199,104
Middlesex, Mass.	1,075,908	Aiken, S. C.	191,680
Hillsborough, N. H.	904,888	Richmond, Ga.	188,192
Spartanburg, S. C.	830,016	Laurens, S. C.	186,736
Windham, Conn.	770,005	York, S. C.	184,401
Worcester, Mass.	760,020	Rockingham, N. C.	172,918
Greenville, S. C.	748,178	Durham, N. C.	172,532
Hampden, Mass.	654,276	Chambers, Ala.	169,000
Essex, Mass.	639,772	Newberry, S. C.	167,272
Kent, R. I.	590,300	Kennebec, Me.	160,731
Anderson, S. C.	579,091	Hampshire, Mass.	158,856
Gaston, N. C.	574,592	Cherokee, S. C.	155,188
New London, Conn.	511,977	Lancaster, S. C.	149,848
Berkshire, Mass.	492,241	Alamance, N. C.	148,916
Androscoggin, Me.	410,555	Knox, Tenn.	148,792
York, Me.	408,600	Calhoun, Ala.	138,148
Oneida, N. Y.	403,824	Rutherford, N. C.	137,060
Pittsylvania, Va.	331,424	Troup, Ga.	131,090
Strafford, N. H.	328,140	Richmond, N. C.	130,598
Union, S. C.	319,656	Cumberland, Me.	124,392
Cabarrus, N. C.	304,943	Spalding, Ga.	120,452
Muscogee, Ga.	297,852	Floyd, Ga.	120,272
Mecklenburg, N. C.	266,602	Stanley, N. C.	118,206
Richland, S. C.	245,452	Philadelphia, Pa.	116,796
Guilford, N. C.	236,766	Talladega, Ala.	114,660
Essex, N. J.	232,291	Merrimack, N. H.	111,636
Albany, N. Y.	227,344	Baltimore City, Md.	105,008
Madison, Ala.	221,390	Davidson, N. C.	103,880
Greenwood, S. C.	215,184	Chester, S. C.	103,824
Bristol, R. I.	214,216	Hall, Ga.	101,956

In the 62 counties in the United States which had more than 100,000 cotton spindles each, the total number of such spindles was 27,200,028, or 81.6 per cent of the aggregate for the country. Of these counties 3, with a total of 9,938,710 spindles, or 29.8 per cent of the aggregate for the United States, had more than 1,000,000 spindles each; 11, with 7,563,115, or 22.7 per cent of the aggregate, 500,000 but less than 1,000,000 each; 18, with 5,364,036, or 16.1 per cent of the aggregate, 200,000 but less than 500,000 each; and 30, with 4,334,167, or 13 per cent of the aggregate, 100,000 but less than 200,000 each. Of the 62 counties, 14 are in South Carolina, 11 in North Carolina, 7 each in Georgia and Massachusetts, 4 each in Alabama and Maine, 3 each in New Hampshire and Rhode Island, 2 each in Connecticut and New York, and 1 each in Maryland, New Jersey, Pennsylvania, Tennessee, and Virginia.

Bristol County, Massachusetts, with 7,197,375 cotton spindles, led all other counties, having 64.8 per cent of the total spindle capacity for Massachusetts, 40.5 per cent of the total for New England, and 21.6 cent of the total for the United States. The industry was established in this county at an early date, and it has long maintained a leading position. Fall River, the most important city in the United States from a cotton manufacturing standpoint, is located in this county, as well as the cities of New Bedford and Taunton, and a number of towns engaged largely in the manufacture of cotton. Providence county, Rhode Island, with 1,665,427 cotton spindles, held second place, and Middlesex County, Massachusetts, with

1,075,908 cotton spindles, third. In the Southern states, Anderson, Greenville, and Spartanburg counties, in the western part of South Carolina, and Gaston county, in North Carolina, are the only ones with more than 500,000 cotton spindles each, Spartanburg County having the largest number, 830,016. In Virginia, Pittsylvania County, with 331,424 spindles, ranked first; in Georgia, Muscogee County, with 297,852; in Alabama, Madison County, with 221,390; and in Tennessee, Knox County, with 148,792.

The relative standing of any county in the cotton manufacturing industry as a whole depends largely upon whether the factories are devoted to spinning only, or to both spinning and weaving. In some counties the mills make a specialty of spinning yarn which is used elsewhere, while in others practically all the yarn spun is used in the county, and in still others the operations are largely confined to weaving and otherwise using yarns spun elsewhere.

Ring and mule spindles.—Table 19 shows, by states, the number of active ring and mule cotton spindles in the United States in 1904, 1909, 1914, 1915, and 1916.

TABLE 19.—NUMBER OF ACTIVE RING AND MULE COTTON SPINDLES, BY STATES, FOR SPECIFIED YEARS: 1904 TO 1916.

[The statistics for 1915 and 1916 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

STATE.	NUMBER OF ACTIVE COTTON SPINDLES.										
	1916			1915		1914		1909 [1]		1904	
	Total.	Ring.	Mule.	Ring.	Mule.	Ring.	Mule.	Ring.	Mule.	Ring.	Mule.
United States	32,805,883	29,094,263	3,711,620	28,122,792	3,841,443	28,016,390	4,091,182	23,256,023	4,922,839	18,218,800	5,453,264
Alabama	1,111,660	1,105,060	6,600	1,021,436	6,600	1,022,500	6,600	909,587	3,916	765,727	7,000
Connecticut	1,343,573	934,999	408,574	902,666	417,260	898,701	418,502	832,830	446,586	715,739	492,976
Georgia	2,259,855	2,211,431	48,424	2,101,253	46,880	2,079,010	51,830	1,703,071	71,896	1,254,885	76,672
Illinois	56,568	42,168	14,400	42,168	14,400	42,168	14,400	23,240	16,000	16,000	16,000
Indiana	86,044	86,044	.....	85,816	.....	86,032	.....	115,152	8,952	104,424	24,868
Kentucky	87,944	71,424	16,520	77,308	16,520	82,351	15,408	68,124	16,920	57,572	23,820
Louisiana	59,563	57,307	2,256	53,939	2,256	36,508	2,256	63,096	4,806	56,552	5,500
Maine	1,090,006	1,012,807	77,199	996,639	82,864	1,026,012	86,704	867,364	161,316	673,698	223,724
Maryland	147,009	147,009	.....	142,113	.....	155,968	.....	133,302	.....	136,456	.....
Massachusetts	10,896,774	9,109,308	1,787,466	8,757,082	1,877,919	8,899,607	1,985,696	7,480,902	2,156,699	6,177,227	2,412,444
Mississippi	128,794	128,794	.....	124,658	.....	137,568	.....	159,104	800	128,852	.....
Missouri	31,920	31,480	440	31,896	440	31,480	440	30,304	440	14,101	.....
New Hampshire	1,455,282	1,419,274	36,008	1,419,589	37,160	1,395,912	58,232	1,169,850	156,050	1,033,721	270,755
New Jersey	479,873	202,210	277,663	192,311	272,692	190,363	279,472	107,381	313,403	87,960	348,804
New York	906,911	765,682	141,229	711,440	176,653	739,642	191,263	547,512	415,329	364,304	425,216
North Carolina	3,988,098	3,918,392	69,706	3,751,890	71,408	3,702,280	68,036	2,886,453	71,782	1,836,315	80,024
Pennsylvania	249,053	143,752	105,301	143,558	101,957	142,440	101,589	139,062	139,245	146,396	134,511
Rhode Island	2,552,765	1,870,061	682,704	1,812,568	660,564	1,732,798	779,904	1,496,434	875,343	1,236,564	850,238
South Carolina	4,735,193	4,728,433	6,760	4,657,046	26,532	4,580,352	3,360	3,732,063	28,828	2,860,884	15,912
Tennessee	319,148	309,148	10,000	306,104	10,000	283,010	10,000	237,530	10,000	153,903	10,000
Texas	116,012	116,012	.....	113,052	.....	112,408	.....	97,628	.....	68,170	.....
Vermont	135,864	125,664	10,200	126,104	10,200	116,104	10,200	75,872	15,840	80,312	27,716
Virginia	506,166	495,996	10,170	491,776	8,658	466,336	7,050	316,970	7,572	194,006	7,084
All other states	61,808	61,808	.....	57,380	480	56,840	240	63,192	1,116	55,032	.....

[1] In this table the figures for 1909 relate to the calendar year, whereas in Table 17, they relate to the year ending Aug. 31.

Of the 32,805,883 active cotton spindles in the United States reported for 1916, only 3,711,620, or 11.3 per cent, were mule spindles. This compares with 3,841,443, or 12 per cent, of the total in 1915; 4,091,182, or 12.7 per cent, in 1914; 4,922,839, or 17.5 per cent, in 1909; and 5,453,264, or 23 per cent, in 1904, showing a continuous decrease not only in the actual number, but also, and to a greater degree, in the proportion. The tendency to displace mule spindles with frame shows no diminution, as during the past year a number of establishments have followed this practice. Because of the ease with which ring spindles can be operated, manufacturers use frames rather than mules whenever it is practicable. In fact, new mules are seldom installed, except when very fine filling yarns, soft-twisted knitting yarns, or very coarse yarns made from short-staple cotton or waste are to be spun.

The use of mule spindles is confined largely to the New England states, which reported 80.9 per cent of the total number for the country in 1916, most of the remainder being in New York and New Jersey, and only 170,876 being returned for the cotton-growing states. Since some yarns requiring special qualities can not be made satisfactorily by the use of ring spindles, there will always be a demand for mule spindles unless difficulties heretofore met with in the use of ring spindles can be overcome.

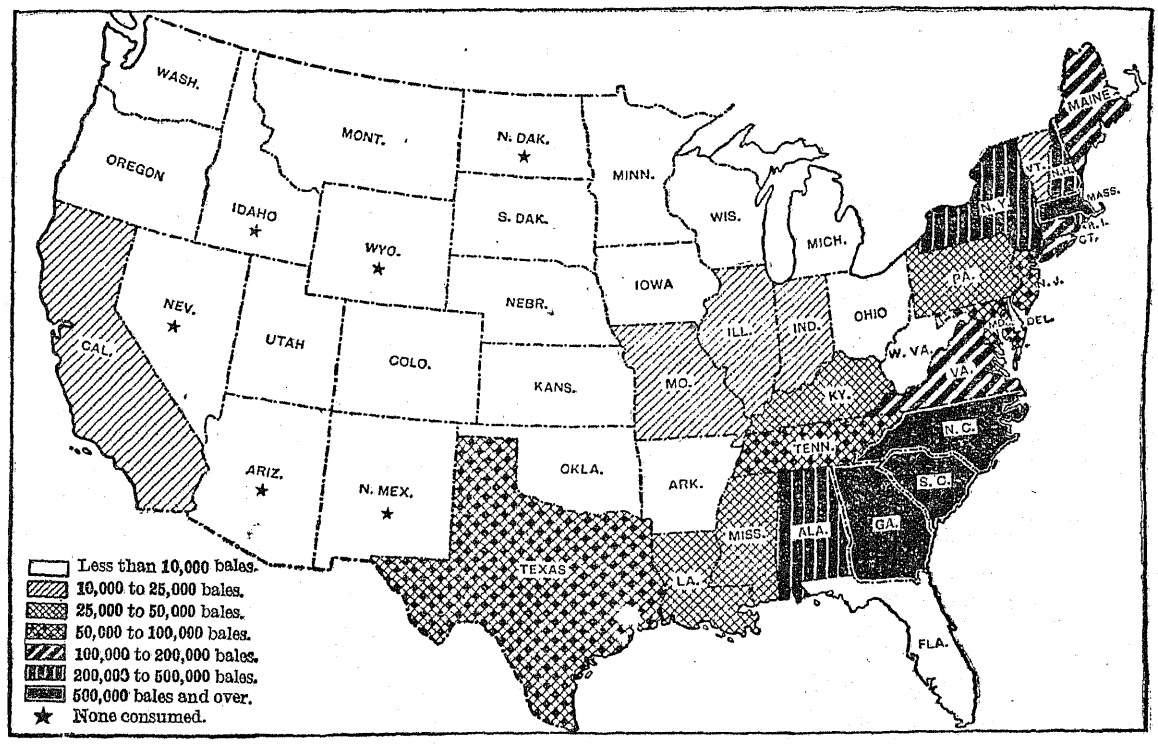
COTTON CONSUMED.

The statistics for cotton consumed, presented in Table 17, cover all establishments which use raw cotton. The figures are expressed in running bales, except that round bales are counted as half bales and that foreign cotton has been reduced to equivalent 500-pound bales. The quantity of cotton consumed in the United States during the year ending July 31, 1916, was 6,397,613 bales, compared with 5,597,362 bales in 1915; 5,577,408 bales in 1914; 5,483,321 bales in 1913; and 5,129,346 bales in 1912. It is the largest amount ever consumed in a single year, being 800,251 bales greater than that in 1915, the next largest.

Massachusetts, with 1,462,888 bales, leads all the other states in the quantity of cotton consumed;

North Carolina, with 1,067,288 bales, is second; South Carolina, with 914,532 bales, third; and Georgia, with 797,789 bales, fourth. The largest actual increase in the annual consumption of cotton shown for the period covered by the table is in the cotton-growing states. The consumption in North Carolina increased from 819,555 bales to 1,067,288 bales, or 30.2 per cent; in South Carolina, from 726,856 bales to 914,532 bales, or 25.8 per cent; and in Georgia, from 548,565 bales to 797,789 bales, or 45.4 per cent.

MAP 2.—CLASSIFICATION OF STATES ACCORDING TO THE QUANTITY OF COTTON CONSUMED: 1916.



Kinds of cotton used.—The statistics as to raw cotton consumed and stocks held in manufacturing establishments for 1914, 1915, and 1916, which are presented in Table 17, are shown only as domestic and foreign cotton. In Table 20 the statistics are further segregated so as to show the consumption of the different kinds and the amount of each kind held in consuming establishments. The table also shows the amount for the group of "Cotton-growing states" and the group of "All other states."

Of the total consumption of cotton in the United States during the year ending July 31, 1916, 5,997,973 bales were upland, 82,645 sea-island, and 316,995 foreign. In the cotton-growing states the consumption was 3,527,528 bales, and, in all other states, 2,870,085 bales, 1916 being the fifth consecutive year in which the consumption in the cotton-growing states has exceeded that in all other states.

Nearly all of the cotton consumed in the United States is domestic upland cotton. The term "upland" is applied to all cotton produced in this country, except sea-island cotton, and includes the long-staple upland varieties, which constitute a larger proportion than formerly. The manufacturers in the cotton-growing states use very little sea-island or foreign cotton, having consumed only 38,712 bales of both kinds combined in 1916. In all other states the consumption of foreign cotton amounted to 301,857 bales, and of sea-island to 59,071 bales. More than one-half of the sea-island cotton consumed in the United States was reported from Massachusetts and Rhode Island. North Carolina, Connecticut, Georgia, and South Caroline follow in the order of quantity used. Establishments engaged in the manufacture of thread and automobile tires and those which spin yarns designed for these purposes report the largest consumption of this kind of cotton.

A very large proportion of the foreign cotton consumed in the United States is Egyptian. In this country it is used principally for mercerizing and for other processes that give a high finish to cloth; in the manufacture, without dyeing, of Balbriggan underwear and lace curtains in which the ecru shade is desired; for automobile tires; and in the manufacture of sewing thread and other similar articles which require a long fiber of great strength and for which no other type of cotton except sea-island has yet proved suitable. Egyptian cotton is said to be freer from trash and short fibers than American cotton, and, for this reason, to yield less waste in combing and carding. Rough Peruvian cotton is used, to some extent, for mixing with wool in the making of woolen textiles, while Chinese and Indian cotton are used, to a very limited, but growing, extent, for mixing with the American upland cotton in the manufacture of the cheaper grades of goods.

TABLE 20.—QUANTITY OF THE SEVERAL KINDS OF RAW COTTON CONSUMED AND OF STOCKS HELD IN CONSUMING ESTABLISHMENTS: 1914, 1915, AND 1916.

[Quantities are given in running bales, except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales. Linters are not included. The statistics for 1915 and 1916 relate to the 12 months ending July 31 and those for prior years to the 12 months ending Aug. 31.]

KIND AND LOCALITY.	RAW COTTON CONSUMED DURING YEAR (BALES).			STOCKS HELD IN CONSUMING ESTABLISHMENTS AT END OF YEAR (BALES).		
	1916	1915	1914	1916	1915	1914
United States	6,397,613	5,597,362	5,577,408	1,632,245	1,401,185	675,873
Domestic:						
Upland	5,997,973	5,295,911	5,301,426	1,462,273	1,267,484	593,294
Sea-island	82,645	79,394	81,673	27,454	24,919	18,430
Foreign:						
Egyptian	269,324	181,211	151,091	123,406	96,828	51,787
Peruvian	10,886	10,529	13,003	1,809	1,739	1,609
Chinese	32,347	26,501	25,411	16,147	8,903	9,420
Other	4,438	3,816	4,804	1,156	1,312	1,333
Cotton-growing states	3,527,528	3,026,969	2,925,294	684,654	577,201	195,490
Domestic:						
Upland	3,488,816	2,996,180	2,898,015	667,787	567,364	189,869
Sea-island	23,574	17,133	14,966	5,093	3,658	2,003
Foreign:						
Egyptian	9,394	7,794	6,921	9,749	4,463	2,048
Peruvian	1	153	74			100
Chinese	5,618	5,648	4,646	2,025	1,710	1,470
Other	125	61	672		6	
All other states	2,870,085	2,570,393	2,652,114	947,591	823,984	480,383
Domestic:						
Upland	2,509,157	2,299,731	2,403,411	794,486	700,120	403,425
Sea-island	59,071	62,261	66,707	22,361	21,261	16,427
Foreign:						
Egyptian	259,930	173,417	144,170	113,657	92,365	49,739
Peruvian	10,885	10,376	12,929	1,809	1,739	1,509
Chinese	26,729	20,853	20,765	14,122	7,193	7,950
Other	4,313	3,755	4,132	1,156	1,306	1,333

LINTERS CONSUMED.

"Linters," the short fiber obtained by the cottonseed-oil mills from reginning cottonseed before extracting the oil, enters into many lines of manufacture in which otherwise it would be necessary to use cotton. It is used in upholstering and in the manufacture of mattresses, comforts, batting, cushions, wadding, and pads; for mixing with shoddy and for making low-grade yarns, wrapping twine, cheap rope, and lamp and candle wicks; for making absorbent cotton; and in the manufacture of guncotton, niter powder, and writing paper. In the United States the greatest quantity, prior to the European war, was consumed in the manufacture of felts and batting. The demand for explosives within the last two years has resulted in greatly increasing the quantity of linters used in the manufacture of guncotton and smokeless powder. According to Table 17 the quantity of linters consumed in 1916 was 880,916 bales, as compared with 411,845 bales in 1915, 307,325 bales in 1914, 303,009 bales in 1913, and 238,237 bales in 1912.

The introduction of smokeless powders created a new use for cotton which, at the present time, requires a considerable quantity of this fiber. Guncotton, technically known as nitrocellulose, obtained by the nitration of cellulose, forms the principal ingredient of these powders. The purest form of natural cellulose is cotton, and this fiber is used almost exclusively in the manufacture of guncotton. Experiments have proved that the short-fiber cottons are better suited for this purpose than are the longer; hence linters are being very generally used. This extended demand for linters has very materially increased the price of this product, the market price being several times as high as it was before the war.

Before cotton and linters can be used in the manufacture of explosives it is necessary that they be thoroughly cleaned and purified. In some instances the manufacturers of explosives have installed machinery for this purpose, but, in many cases, this work is done by others. Monthly reports of cotton and linters consumed are obtained only from establishments using the raw material hence establishments which do not handle raw cotton, but purchase their supplies in a partially manufactured condition are not required to report such cotton. This method avoids duplication in reporting the same cotton by two establishments.

The act of Congress approved August 7, 1916, provides for the collection of the quantity of raw and prepared cotton and linters, cotton waste, and hull fiber consumed in the manufacture of guncotton and explosives of all kinds and of absorbent and medicated cotton for the calendar year 1915 and quarterly thereafter. The statistics collected in conformity with this law will permit of the compilation of accurate data showing the quantity of cotton fiber used in the United States in the manufacture of explosives.

The processes through which cotton passes in its preparation for use in the manufacture of guncotton are described in the following statement which was prepared by the War Department:

The cotton used in explosives manufacture consists of unspun short fibers, generally the linters and hull fibers which remain after the earlier ginning has removed the longer fibers more valuable for spinning and less suited to the manufacture of explosives. As an example of the treatment of this material, the United States Army specifications for smokeless powder require that the cotton be purified and bleached and thoroughly washed to remove the purifying and bleaching materials, salts, etc., and that, as the result, the cotton shall contain not more than 0.4 per cent of extractive matter, not more than 0.8 per cent of ash, and not more than "traces" of lime, chlorides, sulphates, etc., also that it be of uniform character, clean, and free from such lumps as would prevent uniform nitration. It is delivered to the explosives factory in bales, sometimes compressed, sometimes not, but always covered with paper or other material for protection from dirt.

In making smokeless powder or explosives, the cotton generally after being run through a picking machine to separate the fibers, is dipped in nitric and sulphuric acids to nitrate it, producing nitrocellulose, which is then washed, boiled, cut in a beater or pulping machine, further washed and then wrung in a centrifugal. Up to this point the only important difference depending upon use is the degree of nitration, being more highly nitrated if for use as a high explosive. Such nitrocellulose, generally called military guncotton, is usually after the foregoing operations completed by pressing into blocks. If for smokeless powder the nitrocellulose must, however, be thoroughly dehydrated, mixed with a suitable solvent, and worked to a very stiff paste or colloid, either alone or mixed with other ingredients (nitroglycerin, etc.), and is then forced from a hydraulic press through dies and cut into grains of desired length, and dried.

GROWTH OF THE COTTON INDUSTRY SINCE 1840.

Table 21 shows the production and consumption of cotton and linters in the United States and the number of active cotton spindles for specified years from 1840 to 1916.

These statistics of consumption and active spindles are a measure of the growth of cotton manufacturing. Since 1890 the number of spindles in the United States has more than doubled, while the quantity of cotton and linters consumed in 1916 was the largest returned for a single year, being 7,278,529 bales, or nearly three times that for 1890.

The most significant fact brought out by this table is the rapid growth of the industry in the cotton-growing states. In 1880 there were only 561,360 active cotton spindles in these states, and the quantity of cotton consumed was 188,748 bales. In 1916, 13,382,065 spindles were operated and the quantity of cotton and linters consumed was 3,977,130 bales. Between 1900 and 1916 the consumption in these states increased 161.1 per cent, while in the New England states it increased 37.6 per cent, and in all other states, 53.1 per cent. The consumption in 1900 in the cotton-growing states amounted to 39.3 per cent of the total for the country, compared with 49.3 per cent for the New England states, and 11.4 per cent for all other states. For the year ending July 31, 1916, the consumption in the cotton-growing states formed 54.6 per cent of the total for the country; that in the New England states, 36.1 per cent; and that in all other states, 9.3 per cent. Of the total number of spindles operated during 1916, 40.7 per cent were in the cotton-growing states, 53.3 per cent in the New England states, and 6.0 per cent in all other states.

TABLE 21.—PRODUCTION AND CONSUMPTION OF COTTON AND NUMBER OF ACTIVE COTTON SPINDLES IN THE UNITED STATES, BY SECTIONS, FOR SPECIFIED YEARS: 1840 TO 1916.

[The quantities are given in running bales, except those for production in 1850, 1860, and 1870, which are in equivalent 400-pound bales, and those for consumption from 1840 to 1870, and for foreign cotton, which are in equivalent 500-pound bales. Linters are included.]

YEAR.	Cotton produced (bales).[1]	COTTON CONSUMED (BALES).				ACTIVE COTTON SPINDLES.			
		United States.	Cotton-growing states.	New England states.	All other states.	United States.	Cotton-growing states.	New England states.	All other states.
1916	12,012,813	7,278,529	3,977,130	2,627,150	674,249	32,805,883	13,382,065	17,474,264	1,949,554
1915	16,738,241	6,009,207	3,193,353	2,107,220	618,634	31,964,235	12,955,712	17,100,615	1,907,908
1914	14,613,964	5,884,733	3,023,415	2,251,041	610,277	32,107,572	12,711,303	17,408,372	1,987,897
1913	14,090,863	5,786,330	2,960,518	2,210,813	614,999	31,519,766	12,227,226	17,311,451	1,981,089
1912	16,109,349	5,367,583	2,712,223	2,108,360	547,000	30,578,528	11,582,869	17,139,945	1,855,714
1911	11,965,962	4,704,078	2,328,487	1,911,092	465,399	29,522,597	11,084,623	16,510,981	1,926,993
1910	10,386,209	4,798,953	2,292,333	2,016,386	490,234	28,266,862	10,494,112	15,735,086	2,037,664
1909	13,432,131	5,240,719	2,553,797	2,144,448	542,474	28,018,305	10,429,200	15,591,851	1,997,254
1908	11,325,882	4,539,090	2,187,096	1,894,835	457,159	27,505,422	10,200,903	15,329,333	1,975,186
1907	13,305,265	4,984,936	2,410,993	2,073,355	500,588	26,375,191	9,527,964	14,912,517	1,934,710
1906	10,725,602	4,909,279	2,373,577	2,059,900	475,802	25,250,096	8,994,868	14,407,580	1,847,648
1905	13,697,310	[2] 4,278,980	[2] 2,140,151	[2] 1,753,282	[2] 385,547	23,687,495	7,631,331	14,202,971	1,853,193
1900	9,507,786	3,873,165	1,523,168	1,909,498	440,499	19,472,232	4,367,688	13,171,377	1,933,167
1890	7,472,511	2,518,409	538,895	1,502,177	477,337	14,384,180	1,570,288	10,934,297	1,879,595
1880	5,755,359	[3] 1,570,344	[3] 188,748	[3] 1,129,498	[3] 252,098	[3] 10,653,435	[3] 561,360	[3] 8,632,087	[3] 1,459,988
1870	3,011,996	796,616	68,702	551,250	176,664	7,132,415	327,871	5,498,308	1,306,236
1860	5,387,052	845,410	93,553	567,403	184,454	5,235,727	324,052	3,858,962	1,052,713
1850	2,469,093	575,506	78,140	430,603	66,763	3,998,022	264,571	2,958,536	774,915
1840	2,063,915	286,525	71,000	158,708	6,817	2,284,631	180,927	1,597,394	506,310

[1] Relates to crop of preceding year. [2] Does not include foreign cotton. [3] Cotton mills only.

STOCKS OF COTTON.

The quantity of baled cotton held in the United States on July 31, 1916, as shown in Table 1, was 3,139,709 bales, which compares with 3,936,104 bales in 1915 and 1,365,864 bales in 1914. The amount is the largest ever held at the close of a cotton year, with the exception of 1915, when, because of the large crop of 1914 and the demoralization in the cotton market, due to the European war, stocks carried over from the old year were unprecedented. The segregation of stocks shown in this and succeeding tables is based upon the location of the cotton and not upon the ownership or the locality of growth. For instance, cotton in warehouses connected with the mills is classed as in consuming establishments, while cotton in independent warehouses and other public storage places and at compresses comprises all cotton held in such establishments, regardless of its ownership. Statistics of stocks held in consuming establishments at the end of the cotton years are shown in Table 17, by states, for the years 1912 to 1916. The amounts held on July 31 are shown in Table 22 for the last four years. The quantity for 1916 was 1,632,245 bales, compared with 1,401,185 bales in 1915, 905,762 bales in 1914, and 957,561 bales in 1913.

COTTON WAREHOUSING FACILITIES.

The cotton crop is largely harvested and ginned from September 1 to November 30 of each year, and a large proportion of it is disposed of by the growers during this period. Such rapid marketing of the crop tends to depress the price, and the producer frequently realizes less than he would if a better system in this regard were inaugurated. Many have advocated a gradual marketing of the crop, and, to this end, there has been, for several years, persistent agitation for adequate warehousing facilities. There has been marked improvement in this direction, but much remains to be done before suitable storage facilities, properly distributed, are provided. To render efficient service, warehouses must be so constructed as to provide protection from fire and secure cheap insurance rates, thus bringing the total expense of storage low enough to enable growers and others generally to make use of them. With proper supervision and safeguards, the warehouse receipts of cotton so stored not only will be easily negotiable, but will provide acceptable collateral for loans. This latter feature would enable the owner to hold his cotton until such time as, in his opinion, it could be sold most advantageously.

The extraordinary conditions existing after the outbreak of the war in 1914 brought the need of proper warehousing accommodations to the notice of all concerned. In order to provide some information regarding the capacity of warehouses for the storage of cotton in the cotton-growing states, the Office of Markets, of the Department of Agriculture, made a survey, the results of which are given in Bulletin 216, published April 26, 1915. The following statement showing the number and estimated storage capacity of all warehouses in the cotton belt taken from this publication and presented in Census Bulletin 131 is reproduced:

ESTIMATED NUMBER AND STORAGE CAPACITY OF WAREHOUSES AND COTTON-MILL WAREHOUSES IN THE COTTON-PRODUCING STATES: SEASON OF 1914–15.

STATE.	Combined storage capacity.	WAREHOUSES.		COTTON MILLS.	
		Number.	Capacity in bales as offered.	Number.	Capacity in flat bales.
Total	15,038,175	3,485	13,742,680	823	1,295,495
Alabama	1,946,355	581	1,884,355	62	62,000
Arkansas	971,800	233	965,800	6	6,000
Florida	358,830	51	357,830	1	1,000
Georgia	2,105,780	1,089	1,693,280	151	412,500
Louisiana	1,101,930	200	1,095,930	6	6,000
Mississippi	1,543,810	167	1,525,810	18	18,000
North Carolina	665,441	149	264,446	326	400,995
Oklahoma	849,330	120	842,330	7	7,000
South Carolina	1,663,560	337	1,363,560	164	300,000
Tennessee	946,435	31	919,435	27	27,000
Texas	2,549,324	497	2,513,324	36	36,000
Virginia	335,580	30	316,580	19	19,000

According to the statement, the combined storage capacity of all warehouses is sufficient to house the largest crop, allowing for the natural export movement of cotton during the period of harvesting. However, many of the warehouses are not constructed along approved lines, and the risk and expense of storing in them is too great to make them of value. Furthermore, the greater number of them—and these comprise practically all of the modernly constructed—are located in the large shipping centers and are not available to growers generally. Included in the statement are warehouses which have not been erected expressly for the storage of cotton, but which are used both for cotton and other products.

The construction and equipment of warehouses determine, in large measure, the insurance rates. For instance, the average insurance rate, as shown in the above-mentioned bulletin for 26 warehouses in Georgia, constructed of wood, was $3.30 per $100 per annum; for 69 of corrugated iron, $2.70; for 215 of brick, $1.95; and for 5 standard warehouses, $1.52. In North Carolina the average insurance rate for 11 warehouses constructed of brick was $1.96 per $100, and for 5 standard warehouses, $1.25. The average insurance rate for 30 warehouses in Georgia equipped with sprinklers was $0.246 per $100, and for 30 warehouses without sprinklers, $1.67; for 8 warehouses in North Carolina with sprinklers, $0.238, and for 8 warehouses without sprinklers, $1.52.

Bulletin 277, of the Department of Agriculture, published August 7, 1915, outlines, in a general way, some of the essential features of a warehouse for the storage of cotton. It should be of special interest to warehousemen, cotton dealers, and those contemplating the construction of cotton warehouses, and of general interest to all farmers, bankers, and business men of the South.

MONTHLY REPORTS OF COTTON AND LINTERS CONSUMED AND ON HAND AND ACTIVE COTTON SPINDLES.

Table 22 presents statistics of cotton and linters consumed during each month and on hand in consuming establishments and in public storage and at compresses at the end of each month from September, 1912, to July, 1916, inclusive.

The quantity of cotton consumed, shown in Table 22, varies considerably from month to month. Such variations are naturally to be expected. The consumption of no establishment is uniform from week to week or month to month, because of the exigencies of supply and demand and the shifting of attention from one phase of the business to another. However, these variations in monthly totals are affected somewhat by the number of working days in the months, and prior to August, 1914, by the fact that a number of establishments—among them some of the largest in the country—reported for a four-week or a five-week period, so that the figures for some months covered a five-weeks' consumption of such establishments. This latter condition was called to the attention of the mills, with the result that the reports in nearly all instances now relate to the calendar months.

Prior to September, 1914, there was very little change in the monthly consumption of linters. Since then, however, there has been a very heavy increase, the amounts for November and December, 1915, being more than three times as large as for the same months in 1914. These increased amounts are, of course, due to the use of linters in the manufacture of guncotton and smokeless powder. There has also been a large increase in the stocks of linters held in consuming establishments and in public storage.

TABLE 22.—COTTON AND LINTERS CONSUMED AND ON HAND IN CONSUMING ESTABLISHMENTS AND IN PUBLIC STORAGE AND AT COMPRESSES, BY MONTHS: SEPTEMBER, 1912, TO JULY, 1916, INCLUSIVE.

[Quantities are given in running bales, except that round bales are counted as half bales, and foreign cotton in equivalent 500-pound bales.]

MONTH.	Year.	COTTON.						LINTERS.					
		Consumed.			On hand.			Consumed.			On hand.		
		Total.	In cotton-growing states.	In all other states.	In consuming establishments.		In public storage and at compresses.	Total.	In cotton-growing states.	In all other states.	In consuming establishments.		In public storage and at compresses.
					In cotton-growing states.	In all other states.					In cotton-growing states.	In all other states.	
August	1915	464,392	248,287	216,105	457,298	708,383	1,712,504	61,561	34,265	27,296	84,030	81,842	70,900
	1914	383,680	198,569	185,111	195,490	480,383	546,944	25,280	7,453	17,827	17,928	57,418	29,673
	1913	432,350	230,801	201,549	219,184	498,520	467,902	26,630	8,290	18,340	15,325	45,129	27,378
September	1915	498,738	275,494	223,244	500,386	589,725	2,805,184	66,769	36,716	30,053	35,852	68,642	57,141
	1914	414,864	229,163	185,701	162,224	394,668	1,663,625	27,764	9,301	18,463	16,493	46,893	26,078
	1913	442,435	240,935	201,500	196,522	418,059	1,298,078	27,697	9,172	18,525	13,196	39,295	24,681
	1912	411,582	214,993	196,589	197,264	475,219	1,376,078	24,579	8,548	16,031	8,050	33,373	10,268
October	1915	500,762	271,584	229,178	788,775	557,054	4,170,543	77,297	42,439	34,858	31,818	66,296	71,634
	1914	451,899	241,074	210,825	334,484	381,139	3,777,469	30,102	9,402	20,700	19,713	45,461	41,753
	1913	511,923	263,235	248,688	564,393	458,622	2,509,658	31,392	10,706	20,686	12,397	37,086	38,057
	1912	483,878	243,405	240,473	441,578	429,667	2,805,864	29,182	10,053	19,129	9,273	28,471	15,451
November	1915	514,743	285,470	229,273	953,712	659,929	4,981,939	82,169	48,485	33,684	30,775	68,314	116,787
	1914	420,706	236,465	184,241	559,135	502,967	4,998,414	27,282	8,956	18,326	20,106	58,237	56,770
	1913	456,356	244,546	211,810	816,337	610,301	3,262,714	26,242	9,389	16,853	16,307	42,516	34,541
	1912	448,800	233,885	214,915	749,206	545,814	3,337,527	26,711	9,423	17,288	13,834	32,158	33,188
December	1915	555,005	295,528	259,477	1,077,652	775,394	5,195,653	76,932	44,197	32,735	37,954	72,268	149,042
	1914	450,869	240,733	210,136	692,870	650,359	5,137,902	25,247	8,449	16,798	23,009	76,562	73,891
	1913	456,262	238,149	218,113	936,285	792,274	3,312,793	21,993	7,888	14,105	20,863	53,717	44,302
	1912	422,569	216,818	205,751	921,522	721,873	3,199,207	22,706	8,360	14,346	19,184	42,626	36,157
January	1916	542,081	298,088	243,993	1,092,675	882,234	4,534,949	80,941	42,896	38,045	38,691	81,002	163,766
	1915	467,862	260,707	207,155	752,450	763,993	4,665,346	25,959	8,641	17,318	26,947	93,502	93,780
	1914	517,299	269,460	247,839	905,419	859,142	2,839,942	23,611	8,468	15,143	23,718	63,499	49,923
	1913	509,694	262,321	247,373	895,049	941,497	2,622,010	24,049	9,183	14,866	22,663	53,784	35,038
February	1916	540,733	302,262	238,471	1,048,529	936,292	3,970,799	80,526	39,687	40,839	47,941	64,575	186,173
	1915	463,307	254,618	208,689	812,027	842,142	4,075,435	29,404	9,819	19,585	35,310	102,952	81,055
	1914	455,231	243,182	212,049	848,686	863,682	2,313,874	22,398	7,562	14,836	26,185	67,624	54,721
	1913	448,095	232,198	215,897	871,177	1,022,789	2,217,619	23,118	7,763	15,355	25,830	61,505	33,280
March	1916	613,754	335,897	277,857	1,033,910	945,854	3,407,169	80,476	36,685	43,791	46,116	60,832	209,992
	1915	524,867	284,967	239,900	839,612	902,337	3,378,734	33,234	12,481	20,753	52,370	109,490	100,387
	1914	493,354	260,797	232,557	806,423	872,816	1,834,008	24,720	7,830	16,890	26,873	76,753	57,538
	1913	462,455	242,863	219,592	824,163	1,014,305	1,790,526	23,118	7,350	15,768	25,410	67,644	40,790
April	1916	531,714	298,184	233,530	1,022,584	983,962	2,814,181	71,516	32,999	38,517	41,748	64,704	178,527
	1915	514,009	276,918	237,091	872,407	958,572	2,848,692	38,545	16,254	22,291	62,168	108,719	81,086
	1914	499,046	260,123	239,523	720,095	851,963	1,353,295	26,636	7,684	18,952	26,707	73,144	66,143
	1913	478,506	254,223	224,283	721,521	931,786	1,940,605	25,484	7,104	18,380	24,787	68,296	46,268
May	1916	575,566	324,492	251,074	969,460	1,005,625	2,143,251	73,594	33,855	39,739	26,698	59,264	171,839
	1915	493,798	265,437	228,361	823,231	976,078	2,439,708	46,265	21,126	25,139	67,652	110,442	104,691
	1914	466,744	242,630	224,114	594,640	771,183	947,043	26,877	7,729	19,148	23,372	70,872	49,003
	1913	481,993	253,546	228,447	590,560	828,627	895,573	27,327	7,843	19,484	21,811	63,823	43,281
June	1916	570,597	316,106	254,491	825,950	1,009,139	1,520,370	68,063	29,807	38,256	37,261	57,282	169,712
	1915	514,655	273,913	240,742	699,559	923,967	2,085,612	53,903	27,682	26,221	94,291	105,065	103,560
	1914	446,145	236,160	209,985	465,008	691,591	630,487	26,993	7,460	19,533	22,900	65,974	35,808
	1913	441,157	235,721	205,436	471,767	731,703	609,360	25,355	7,372	17,983	20,826	61,019	40,877
July	1916	489,528	276,136	213,392	684,654	947,591	1,107,464	61,072	27,571	33,501	33,463	66,978	113,106
	1915	496,846	264,405	232,441	577,201	823,984	1,784,919	48,860	26,820	22,040	96,530	102,375	89,881
	1914	448,333	227,508	220,825	326,953	578,809	425,102	23,486	6,780	16,706	20,711	63,507	32,366
	1913	462,242	240,969	221,273	345,152	612,409	381,739	24,750	7,486	17,264	17,815	54,578	29,148

Active cotton spindles.—Table 23 shows, for each month since September, 1912, the number of active cotton spindles in the United States, in the cotton-growing states, and in all other states. The inquiries called for the number of cotton spindles that are operated at some time during the month, and the figures in the table give the totals for the different months. However, it is possible that, in a few instances, the average number of spindles is reported instead of the total number which have been in use.

TABLE 23.—ACTIVE CONSUMING COTTON SPINDLES, BY MONTHS: SEPTEMBER, 1912, TO JULY, 1916.

MONTH.	Year.	ACTIVE COTTON SPINDLES (NUMBER). Total.	In cotton-growing states.	In all other states.	MONTH.	Year.	ACTIVE COTTON SPINDLES (NUMBER). Total.	In cotton-growing states.	In all other states.
August	1915	31,004,419	12,573,732	18,490,687	February	1916	31,980,240	13,005,939	18,974,301
	1914	30,347,970	12,017,056	18,330,914		1915	30,748,949	12,512,283	18,236,666
	1913	30,602,282	11,973,633	18,628,649		1914	31,139,730	12,306,311	18,833,419
						1913	30,536,486	11,757,852	18,778,634
September	1915	31,300,388	12,778,347	18,522,041	March	1916	32,028,670	13,057,704	18,970,966
	1914	30,307,154	12,249,286	18,057,868		1915	30,907,382	12,568,367	18,339,015
	1913	30,634,381	12,009,006	18,625,375		1914	31,083,858	12,352,972	18,730,886
	1912	29,775,039	11,502,636	18,272,403		1913	30,575,028	11,853,142	18,721,886
October	1915	31,377,569	12,759,677	18,617,892	April	1916	32,113,441	13,130,626	18,982,815
	1914	30,461,320	12,329,743	18,131,577		1915	30,903,509	12,539,496	18,364,013
	1913	30,855,360	12,080,706	18,774,654		1914	31,014,038	12,382,140	18,631,898
	1912	30,030,733	11,582,060	18,448,673		1913	30,572,108	11,911,333	18,660,775
November	1915	31,488,723	12,799,308	18,689,415	May	1916	32,209,374	13,193,187	19,016,187
	1914	30,425,797	12,334,265	18,091,532		1915	31,107,221	12,609,895	18,497,326
	1913	30,949,337	12,090,701	18,858,636		1914	31,028,336	12,402,907	18,625,429
	1912	30,072,579	11,610,173	18,462,406		1913	30,556,177	11,918,309	18,637,868
December	1915	31,745,772	12,917,925	18,827,847	June	1916	32,261,694	13,245,516	19,016,178
	1914	30,438,963	12,362,253	18,076,710		1915	31,226,001	12,698,219	18,527,782
	1913	31,004,716	12,152,883	18,851,833		1914	30,948,048	12,352,870	18,595,178
	1912	30,153,747	11,619,899	18,533,848		1913	30,046,121	11,954,524	18,091,597
January	1916	31,846,658	12,971,961	18,874,697	July	1916	32,269,579	13,335,581	18,933,998
	1915	30,556,330	12,466,775	18,089,555		1915	31,207,965	12,755,404	18,452,561
	1914	31,098,178	12,256,338	18,841,840		1914	30,676,895	12,304,057	18,372,778
	1913	30,359,843	11,740,465	18,619,378		1913	30,022,654	11,969,736	18,052,918

Cotton consumed during each month, by states.—The following table presents statistics for the monthly consumption of cotton in the United States, in the two divisions of the country, and in each of the important cotton-consuming states from September, 1912, to July, 1916. These statistics permit a closer study of the conditions in the cotton industry in the various states than was possible before the collection and publication of these monthly reports.

TABLE 24.—COTTON CONSUMED DURING EACH MONTH, BY STATES: SEPTEMBER, 1912, TO JULY, 1916.

[Quantities are given in running bales, except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales. Linters are not included.]

STATE.	Year.	COTTON CONSUMED (BALES) DURING— August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	July.
United States	1915-16	464,392	498,738	500,762	514,743	555,005	542,081	540,733	613,754	531,714	575,566	570,597	489,528
	1914-15	383,680	414,864	451,899	420,706	450,869	467,862	463,307	524,867	514,009	493,798	514,655	496,846
	1913-14	432,350	442,435	511,923	456,356	456,262	517,299	455,231	493,354	499,646	466,744	446,145	448,333
	1912-13	.....	411,682	483,878	448,800	422,569	509,694	448,095	462,455	478,506	481,993	441,157	462,242
Cotton-growing states	1915-16	248,287	275,494	271,584	285,470	295,528	298,088	302,262	335,897	298,184	324,492	316,106	276,136
	1914-15	198,569	229,163	241,074	236,465	240,733	260,707	254,618	284,967	276,918	265,437	273,913	264,405
	1913-14	230,801	240,935	263,235	244,546	238,149	269,460	243,182	260,797	260,123	242,630	236,160	227,508
	1912-13	.....	214,993	243,405	233,885	216,818	262,321	232,198	242,863	254,223	253,546	235,721	240,969
All other states	1915-16	216,105	223,244	229,178	229,273	259,477	243,993	238,471	277,857	233,530	251,074	254,491	213,392
	1914-15	185,111	185,701	210,825	184,241	210,136	207,155	208,689	239,900	237,091	228,361	240,742	232,441
	1913-14	201,549	201,500	248,688	211,810	218,113	247,839	212,049	232,557	239,523	224,114	209,985	220,825
	1912-13	.....	196,689	240,473	214,915	205,751	247,373	215,897	219,592	224,283	228,447	205,436	221,273
Alabama	1915-16	25,630	27,113	26,203	27,148	30,029	28,297	28,794	33,205	28,923	32,561	31,277	27,053
	1914-15	19,917	22,612	23,929	22,749	24,918	25,493	25,362	27,368	27,445	25,248	27,098	25,138
	1913-14	24,669	23,921	26,400	23,655	24,173	26,447	23,286	24,879	26,111	23,531	23,206	21,809
	1912-13	.....	22,069	26,001	23,115	21,837	28,174	23,391	24,267	25,250	26,811	23,859	24,977
Connecticut	1915-16	11,176	11,751	12,680	11,484	13,141	11,236	11,628	13,742	11,245	12,492	12,558	11,448
	1914-15	10,359	9,915	11,012	9,004	10,700	10,427	10,976	12,468	11,902	11,831	11,736	12,371
	1913-14	10,414	9,776	12,053	10,976	11,430	12,083	10,871	11,577	11,440	11,091	11,072	12,111
	1912-13	.....	9,550	12,394	9,871	10,053	12,144	10,658	10,110	10,714	11,153	9,614	10,273
Georgia	1915-16	58,942	62,043	61,438	64,666	65,271	65,861	66,819	75,458	67,160	73,367	72,422	64,342
	1914-15	42,898	49,132	52,222	51,264	53,951	57,763	55,106	61,386	60,506	57,811	60,175	57,639
	1913-14	52,131	53,641	59,757	53,455	50,744	58,450	52,368	56,614	55,828	51,327	49,800	47,450
	1912-13	.....	46,387	52,717	51,435	48,127	57,718	51,661	52,972	55,676	56,990	51,783	53,484
Maine	1915-16	14,867	13,843	16,218	15,807	16,950	16,711	16,603	18,831	15,623	16,792	17,282	14,007
	1914-15	14,771	11,529	15,533	13,233	15,462	14,344	14,169	15,514	16,429	15,048	16,504	13,552
	1913-14	14,475	12,392	15,510	14,864	16,688	16,286	14,594	16,717	15,457	15,263	13,942	13,778
	1912-13	.....	12,266	15,957	14,204	13,159	16,385	14,687	15,204	14,872	15,609	14,038	14,384
Maryland	1915-16	6,786	7,234	6,999	7,101	7,452	7,412	7,661	8,269	6,992	7,411	6,636	5,561
	1914-15	4,372	4,577	5,050	5,156	6,064	5,835	6,039	6,697	6,303	6,442	6,567	6,315
	1913-14	5,746	6,233	7,094	6,289	4,860	5,151	4,996	6,024	5,579	5,162	4,906	4,591
	1912-13	.....	5,217	6,375	5,936	5,787	6,762	5,824	6,466	6,627	6,048	5,721	5,987
Massachusetts	1915-16	111,830	114,516	116,961	119,251	133,860	124,777	118,796	140,528	116,509	127,848	129,354	108,658
	1914-15	93,159	94,649	105,625	92,737	103,646	100,580	102,769	120,111	117,667	114,493	120,082	117,492
	1913-14	101,087	100,683	126,021	106,821	108,692	130,385	105,764	118,090	122,385	115,877	107,373	112,528
	1912-13	.....	98,818	121,067	111,969	105,216	129,546	105,959	110,512	114,854	114,158	101,153	110,616
New Hampshire	1915-16	18,622	22,071	18,675	17,896	26,487	24,776	25,944	30,967	25,923	28,688	30,560	24,057
	1914-15	19,432	19,730	24,607	20,176	24,048	26,062	25,096	27,631	28,262	26,517	27,770	27,709
	1913-14	19,770	22,522	27,748	23,631	25,331	27,610	24,251	26,349	27,836	25,440	24,091	26,649
	1912-13	.....	23,119	29,789	24,348	23,110	26,682	27,602	25,175	23,368	29,522	25,623	27,751

TABLE 24.—COTTON CONSUMED DURING EACH MONTH, BY STATES: SEPTEMBER, 1912, TO JULY, 1916—Continued.

STATE.	Year.	COTTON CONSUMED (BALES) DURING—										
		August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	July.
New Jersey	1915-16	4,727	4,793	5,416	5,821	5,600	5,892	5,805	5,840	5,071	4,951	4,857	3,891
	1914-15	4,670	4,913	5,073	4,426	4,676	5,101	4,507	5,232	4,746	4,533	4,831	4,296
	1913-14	4,679	4,811	5,299	4,604	4,773	5,320	4,644	4,883	5,238	4,563	4,306	4,269
	1912-13	.....	4,539	5,313	4,526	4,905	5,205	4,720	4,922	5,178	4,818	4,287	4,606
New York	1915-16	18,596	18,786	20,799	20,606	21,947	20,451	20,253	23,613	19,238	18,995	19,404	16,060
	1914-15	11,257	13,731	15,848	15,030	17,771	16,814	17,088	19,899	19,949	18,610	20,947	18,994
	1913-14	17,331	18,648	20,519	17,472	18,689	19,752	18,866	18,876	18,667	17,065	16,088	15,559
	1912-13	.....	16,713	18,229	16,041	16,408	18,452	17,403	17,935	18,428	17,741	16,974	18,691
North Carolina	1915-16	67,733	81,627	82,785	87,547	88,108	92,427	92,552	102,605	92,404	99,334	97,386	82,780
	1914-15	61,084	68,371	72,785	71,810	68,487	77,472	77,632	86,447	82,189	81,104	82,344	80,429
	1913-14	70,271	73,700	79,877	76,573	72,521	84,877	76,434	81,012	80,152	75,250	74,250	70,447
	1912-13	.....	66,199	72,530	72,436	64,037	79,462	71,504	74,262	77,619	76,597	71,909	73,089
Pennsylvania	1915-16	3,754	3,746	3,880	4,332	4,559	4,146	4,202	4,471	3,675	4,253	4,264	3,921
	1914-15	3,734	3,780	3,833	3,299	3,588	3,566	3,610	4,041	3,573	3,757	4,097	4,013
	1913-14	4,231	4,105	4,647	3,812	4,042	3,946	3,899	4,318	4,314	3,891	4,006	4,013
	1912-13	.....	4,841	4,584	3,967	4,199	4,739	4,290	4,388	4,517	4,221	3,990	4,210
Rhode Island	1915-16	21,232	21,730	22,670	22,184	24,510	23,625	22,618	26,003	24,147	24,340	24,593	21,491
	1914-15	18,532	18,777	19,901	17,659	20,195	19,811	19,701	23,082	23,190	22,124	23,148	22,112
	1913-14	18,824	17,548	22,997	18,224	18,604	21,816	19,059	20,268	22,603	20,509	19,161	22,122
	1912-13	.....	16,816	21,199	18,887	17,628	21,593	19,121	19,350	20,469	19,947	19,271	19,901
South Carolina	1915-16	64,819	73,834	69,209	73,672	79,532	77,700	79,688	87,112	76,242	83,025	79,753	69,946
	1914-15	51,767	62,886	64,302	63,742	67,424	70,547	67,885	77,027	73,350	70,103	72,363	70,168
	1913-14	60,159	66,274	71,173	66,593	66,731	71,788	65,989	71,003	71,327	65,860	63,572	62,601
	1912-13	.....	58,699	65,996	61,773	60,067	69,889	62,110	65,664	68,802	67,744	64,271	64,731
Tennessee	1915-16	7,404	7,440	7,856	7,927	8,167	8,084	8,443	9,310	8,218	9,130	8,539	8,189
	1914-15	6,173	6,130	6,502	6,538	5,137	7,145	6,962	7,757	7,903	7,591	7,949	7,543
	1913-14	6,129	5,984	7,141	6,262	6,782	7,168	6,492	7,003	7,170	6,806	6,426	6,183
	1912-13	.....	5,178	6,840	6,100	5,799	6,977	5,253	6,485	6,792	6,312	6,033	6,422
Virginia	1915-16	9,033	8,853	9,040	9,322	8,788	9,881	10,115	10,262	9,047	9,766	9,757	8,532
	1914-15	6,150	6,967	7,271	7,636	7,797	8,298	8,495	9,174	9,795	8,620	8,739	8,772
	1913-14	6,639	6,917	6,924	6,959	6,259	8,042	7,184	7,732	7,223	7,655	7,047	7,474
	1912-13	.....	6,355	7,882	7,809	6,510	8,065	7,313	7,470	8,200	7,841	7,332	7,128
All other states	1915-16	19,241	19,358	19,933	19,979	20,604	20,805	20,812	23,448	21,297	22,613	21,955	19,592
	1915-16	15,405	17,165	18,406	16,247	17,005	18,604	17,910	21,033	20,800	19,966	20,325	19,846
	1913-14	15,795	15,280	17,763	16,166	15,943	18,178	16,534	18,009	18,316	17,454	16,899	16,758
	1912-13	.....	14,816	17,005	16,383	15,727	17,811	16,599	17,273	17,140	16,481	15,299	15,989

The quantities of foreign cotton consumed during the several months are given in Table 25 for the United States, for the cotton-growing states, and for all other states separately, with the total stocks on hand in consuming establishments at the close of each month.

TABLE 25.—FOREIGN COTTON CONSUMED AND ON HAND IN CONSUMING ESTABLISHMENTS, BY MONTHS: SEPTEMBER, 1912, TO JULY, 1916.

MONTH.	Year.	FOREIGN COTTON (EQUIVALENT 500-POUND BALES).				MONTH.	Year.	FOREIGN COTTON (EQUIVALENT 500-POUND BALES).			
		Consumed.			On hand in consuming establishments.			Consumed.			On hand in consuming establishments.
		United States.	Cotton-growing states.	All other states.				United States.	Cotton-growing states.	All other states.	
August	1915	22,040	990	21,050	105,050	February	1916	26,804	1,100	25,704	99,484
	1914	14,383	1,047	13,336	64,149		1915	18,807	1,066	17,741	60,801
	1913	13,615	836	12,779	79,979		1914	13,604	1,074	12,530	45,665
							1913	21,375	1,387	19,988	83,096
September	1915	24,014	1,176	22,838	97,023						
	1914	14,162	1,170	12,992	58,193	March	1916	31,750	1,398	30,352	108,388
	1913	14,256	969	13,287	71,241		1915	21,565	1,170	20,395	64,753
	1912	18,899	1,202	17,697	79,340		1914	18,181	1,251	16,930	53,497
							1913	20,617	1,245	19,372	99,364
October	1915	25,264	1,241	24,023	88,529						
	1914	15,535	1,299	14,236	52,612	April	1916	24,400	1,092	23,308	120,304
	1913	17,955	1,056	16,899	61,474		1915	22,886	1,289	21,597	80,260
	1912	23,298	1,338	21,960	68,234		1914	20,577	1,193	19,384	60,716
							1913	21,075	1,315	19,760	98,823
November	1915	27,037	1,377	25,660	83,877						
	1914	13,512	851	12,661	47,530	May	1916	26,563	1,322	25,241	136,554
	1913	13,453	969	12,484	53,169		1915	22,194	1,352	20,842	93,382
	1912	18,189	1,022	17,167	54,990		1914	19,625	1,220	18,405	67,910
							1913	19,636	1,084	18,552	96,157
December	1915	29,879	1,268	28,611	74,611						
	1914	16,594	1,041	15,553	45,052	June	1916	26,963	1,442	25,521	142,180
	1913	13,156	730	12,426	50,384		1915	22,632	1,180	21,452	101,573
	1912	20,168	1,299	18,869	56,940		1914	16,800	1,063	15,737	66,923
							1913	15,837	1,220	14,617	90,654
January	1916	29,107	1,112	27,995	83,329						
	1915	18,151	1,180	16,971	54,733	July	1916	23,174	1,620	21,554	142,518
	1914	15,043	858	14,185	50,704		1915	21,637	1,012	20,625	108,782
	1913	24,738	1,380	23,358	74,451		1914	17,276	883	16,393	63,258
							1913	15,482	987	14,495	82,571

Cotton stocks on specified dates.—The following table distributes, by states, the cotton on hand in consuming establishments and in public storage and at compresses at the close of each month, during the year ending July 31, 1916. The amounts shown in the table do not include cotton in transit and in private warehouses or cotton in the hands of buyers, merchants, and producers.

TABLE 26.—COTTON ON HAND IN CONSUMING ESTABLISHMENTS AND IN PUBLIC STORAGE AND AT COMPRESSES AT THE CLOSE OF EACH MONTH, BY STATES: AUGUST, 1915, TO JULY, 1916.

[Quantities are given in running bales, except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales. Linters are not included.]

STATE AND CLASS OF HOLDER.	COTTON ON HAND (BALES).											
	1915					1916						
	Aug. 31.	Sept. 30.	Oct. 31.	Nov. 30.	Dec. 31.	Jan. 31.	Feb. 28.	Mar. 31.	Apr. 30.	May 31.	June 30.	July 31.
In consuming establishments, total	1,165,681	1,090,111	1,345,829	1,613,641	1,853,046	1,974,909	1,984,821	1,979,764	2,006,546	1,975,085	1,835,089	1,632,245
In cotton-growing states	457,298	500,386	788,775	953,712	1,077,652	1,092,675	1,048,529	1,033,910	1,022,584	969,460	825,950	684,654
In all other states	708,383	589,725	557,054	659,929	775,394	882,234	936,292	945,854	983,962	1,005,625	1,009,139	947,591
In public storage and at compresses, total	1,712,504	2,805,184	4,170,543	4,981,939	5,195,653	4,534,949	3,970,799	3,407,169	2,814,181	2,143,251	1,520,370	1,107,464
In cotton-growing states	1,410,801	2,500,186	3,822,789	4,618,792	4,820,697	4,170,124	3,598,370	3,053,489	2,491,381	1,832,226	1,258,124	878,078
In all other states	301,703	304,998	347,754	363,147	374,956	364,825	372,429	353,680	322,800	311,025	262,246	229,386
Alabama:												
In consuming establishments	44,839	50,862	73,305	85,823	97,609	98,353	99,281	92,936	90,455	89,284	82,956	70,740
In public storage and at compresses	226,869	339,917	453,988	515,957	501,445	437,484	395,162	340,305	284,237	210,958	168,732	137,031
Arkansas:												
In consuming establishments	271	143	1,085	1,120	1,547	1,539	1,387	1,335	1,130	990	868	613
In public storage and at compresses	25,514	51,255	103,278	233,611	244,483	204,915	165,532	143,364	104,665	59,636	35,620	19,219
Connecticut:												
In consuming establishments	39,815	33,237	31,721	38,484	53,752	60,936	65,237	66,157	65,862	68,968	69,018	64,539
Georgia:												
In consuming establishments	129,543	165,671	226,896	264,626	298,494	305,212	285,936	277,868	274,959	254,856	216,771	178,675
In public storage and at compresses	364,437	685,184	927,710	1,027,861	1,050,304	943,302	823,781	692,998	589,355	461,088	342,832	245,615
Louisiana:												
In consuming establishments	360	286	239	1,096	807	1,810	1,096	1,440	1,036	2,139	1,151	1,201
In public storage and at compresses	127,877	174,612	262,309	347,597	411,144	393,471	356,564	298,159	249,854	204,391	151,305	91,863
Maine:												
In consuming establishments	43,922	34,434	28,088	39,939	49,509	56,855	64,197	58,760	59,285	62,611	66,980	62,945
Massachusetts:												
In consuming establishments	345,555	290,414	274,886	324,895	378,783	432,485	448,623	453,464	479,408	488,621	494,753	464,925
In public storage and at compresses	66,146	48,309	47,315	57,272	59,937	62,479	80,616	77,469	82,070	93,301	93,681	108,457
Mississippi:												
In consuming establishments	3,005	2,299	4,591	5,347	5,567	6,692	6,259	6,208	6,782	7,584	5,539	5,528
In public storage and at compresses	62,209	167,160	289,794	352,958	364,325	269,961	228,153	194,157	147,797	95,471	54,701	33,818
New Hampshire:												
In consuming establishments	86,303	68,994	65,035	76,567	80,649	85,281	100,080	100,828	97,203	99,923	104,678	96,968
New Jersey:												
In consuming establishments	19,363	16,501	14,005	10,669	11,736	14,711	15,779	20,625	24,980	32,337	29,058	24,167
New York:												
In consuming establishments	59,463	48,449	57,676	67,363	77,219	88,998	89,252	89,658	87,606	86,933	77,666	69,962
In public storage and at compresses	199,917	226,301	270,933	264,412	265,681	245,340	225,254	212,014	180,621	162,327	122,885	83,279
North Carolina:												
In consuming establishments	128,548	124,859	209,837	273,803	317,611	322,560	308,861	298,203	301,486	290,595	249,120	208,041
In public storage and at compresses	76,451	69,009	89,483	128,577	150,107	150,007	146,024	134,005	132,480	134,753	104,124	92,659
Oklahoma:												
In consuming establishments	117	100	131	249	246	157	359	309	422	640	371	149
In public storage and at compresses	10,265	13,322	71,417	157,768	135,270	110,520	85,215	66,865	38,555	17,300	9,220	5,302
Pennsylvania:												
In consuming establishments	8,825	8,486	8,101	11,129	10,905	12,606	13,032	12,972	14,175	13,770	12,613	12,271
In public storage and at compresses	16,533	16,354	16,956	18,725	18,838	18,107	16,768	12,597	10,923	10,980	9,166	8,558
Rhode Island:												
In consuming establishments	81,416	68,447	58,923	71,394	91,219	106,697	114,632	116,565	126,926	125,242	126,904	126,713
South Carolina:												
In consuming establishments	93,335	103,414	193,801	220,928	249,697	247,061	234,195	247,303	238,346	223,259	186,002	152,702
In public storage and at compresses	127,610	155,036	244,447	307,518	349,123	311,596	286,629	246,180	210,782	172,533	133,057	99,532
Tennessee:												
In consuming establishments	20,046	17,138	29,241	38,943	43,253	42,615	41,019	37,234	35,081	29,781	24,093	19,613
In public storage and at compresses	52,783	65,183	187,414	299,228	335,635	291,788	266,132	203,539	164,386	113,928	71,857	45,470
Texas:												
In consuming establishments	7,076	9,619	16,408	20,252	21,107	20,932	21,067	21,159	20,305	17,301	13,711	9,586
In public storage and at compresses	284,602	721,781	1,039,519	1,133,352	1,135,846	917,714	720,549	612,089	454,941	277,272	128,946	74,855
Virginia:												
In consuming establishments	14,718	13,007	22,105	30,501	29,571	32,260	35,296	34,302	35,867	34,361	29,460	23,518
In public storage and at compresses	42,000	38,588	61,924	89,150	114,556	108,174	105,329	105,908	93,893	68,437	47,542	28,280
All other states:												
In consuming establishments	39,161	33,742	29,755	30,513	33,765	37,149	39,233	42,348	45,052	45,881	43,307	38,549
In public storage and at compresses	29,291	33,173	39,051	47,953	58,869	70,091	69,091	67,520	69,022	60,876	46,702	33,526

[1] Warehouse stocks included in "All other states."

IMPORTS AND EXPORTS OF COTTON.

IMPORTS.

Practically the entire quantity of cotton consumed in the United States is produced in the country, only small quantities for special purposes being imported. Foreign cotton imported into the United States is frequently reshipped at intermediate points, and, in some instances, is counted as imported from the country of reshipment. There has been a demand for information regarding the country of origin, and the Bureau of Foreign and Domestic Commerce has accordingly arranged to furnish this information. The following table shows the monthly imports of cotton, by countries of production, from September, 1912, to July, 1916, inclusive:

TABLE 27.—TOTAL IMPORTS OF COTTON, BY COUNTRIES OF PRODUCTION, FOR EACH MONTH FROM SEPTEMBER, 1912, TO JULY, 1916, INCLUSIVE.

MONTH.	Year.	IMPORTS OF FOREIGN COTTON (EQUIVALENT 500-POUND BALES).							MONTH.	Year.	IMPORTS OF FOREIGN COTTON (EQUIVALENT 500-POUND BALES).						
		Total.	Produced in—								Total.	Produced in—					
			Egypt.	China.	Peru.	India.	Mexico.	All other countries.				Egypt.	China.	Peru.	India.	Mexico.	All other countries.
August	1915	18,990	13,176	917	334	1,851	2,368	344	February	1916	72,913	64,309	4,596	676	.....	3,080	252
	1914	27,087	4,329	1,986	559	1,151	19,062	.....		1915	28,727	18,607	1,497	971	773	6,771	18
	1913	7,785	5,553	832	557	814	29	.....		1914	20,771	11,362	3,602	1,426	951	3,361	69
										1913	34,039	29,899	2,457	1,367	.....	316	.....
September	1915	26,197	16,505	5,074	9	1,262	2,581	766									
	1914	15,315	8,912	1,201	516	211	4,405	70	March	1916	60,005	55,783	203	581	.....	3,004	344
	1913	7,449	4,000	413	1,328	719	983	6		1915	38,534	31,551	2,426	1,264	158	3,135	.....
	1912	8,930	7,710	106	630	433	21	30		1914	30,863	17,096	5,108	886	70	7,556	147
										1913	27,889	23,028	1,051	946	2,505	97	262
October	1915	13,506	6,757	1,718	617	368	3,893	153									
	1914	12,150	6,464	1,031	302	353	3,845	155	April	1916	67,478	55,245	8,737	897	.....	1,986	613
	1913	5,569	2,119	751	1,419	266	1,014	.....		1915	54,479	46,285	1,932	1,078	339	4,845	.....
	1912	10,571	6,522	3,042	567	345	58	37		1914	32,917	26,860	1,588	791	1,177	2,346	155
										1913	20,776	16,377	3,082	797	.....	.....	520
November	1915	21,168	15,858	243	643	135	4,233	56									
	1914	13,454	7,360	1,336	981	.....	3,686	91	May	1916	32,602	25,448	5,701	24	76	1,044	309
	1913	7,281	2,404	282	1,523	157	2,898	17		1915	46,173	28,309	4,189	1,000	532	12,085	58
	1912	9,452	7,905	471	867	151	3	55		1914	40,114	20,716	2,161	1,039	1,543	14,506	149
										1913	13,820	11,764	518	461	1	.....	1,076
December	1915	43,724	37,602	650	719	.....	4,511	242									
	1914	32,293	25,526	731	765	130	5,120	21	June	1916	15,803	9,079	3,495	1,443	.....	255	1,531
	1913	15,815	11,888	67	1,324	655	1,635	246		1915	39,178	20,154	4,235	1,314	2,641	10,728	106
	1912	24,846	21,548	1,730	1,481	.....	72	15		1914	49,010	11,938	2,122	1,010	477	33,440	23
										1913	8,019	6,622	617	572	.....	.....	208
January	1916	57,552	47,914	2,207	3,745	.....	3,143	543									
	1915	39,229	30,951	2,150	1,415	.....	4,713	.....	July	1916	7,036	3,120	2,161	1,221	522	.....	612
	1914	19,624	11,341	508	882	155	6,708	30		1915	35,667	23,835	2,917	188	1,557	6,785	385
	1913	52,022	47,098	3,132	1,586	44	160	2		1914	23,790	13,302	3,338	442	865	5,809	34
										1913	9,496	7,049	1,303	906	80	.....	158

The total quantity of cotton imported into the United States during the year ending July 31, 1916, amounted to 437,572 equivalent bales of 500 pounds each. During the year 16,577 bales of foreign cotton were reexported, making the net imports 420,995 bales.

Nearly all of the imported cotton consumed in this country is Egyptian, which is used largely for mercerizing and in the manufacture of thread, knit goods, and lace, and automobile tires. During the past year 30,098 bales of Mexican cotton were imported. As this cotton has practically the same characteristics as American cotton, much of it lost its Mexican identity and was included in the reports of consumption and of exports as domestic cotton. At a number of border points, Mexican seed cotton is brought into the United States for ginning. The quantity of this cotton aggregated more than 20,000 bales during the season of 1915–16, nearly all of it being produced in the Imperial Valley in Lower California.

The importation of Chinese cotton during the year amounted to 35,792 bales. This cotton is distinctly of a lower grade than the average American and is used, to some extent, for mixing with the higher-priced domestic cotton. During the year 10,909 bales of Peruvian cotton were imported. This was almost entirely "rough Peruvian," which is found very desirable for mixing with wool in the manufacture of woolen goods. Smaller amounts of cotton were also imported from a number of other countries, among which are Santo Domingo and Haiti.

EXPORTS.

Table 28 shows the yearly exports of domestic raw cotton and linters, by customs districts, for the past five years.

The exports of domestic raw cotton and linters from the United States for the year ending July 31, 1916, amounted to 6,191,110 bales. Galveston, with a total of 1,962,824, ranked first among the customs districts in 1916, followed by New Orleans, with 1,251,924 bales; New York, with 738,558 bales; and Georgia, with 568,741 bales. The combined exports for the first two districts named amounted to 3,214,748 bales and represented 51.9 per cent of the total for the country.

TABLE 28.—EXPORTS OF DOMESTIC RAW COTTON AND LINTERS FROM THE UNITED STATES, BY CUSTOMS DISTRICTS: 1912 TO 1916.

[Compiled by the Bureau of Foreign and Domestic Commerce, Department of Commerce. The statistics for 1915 and 1916 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

CUSTOMS DISTRICT.	EXPORTS OF DOMESTIC COTTON AND LINTERS (RUNNING BALES).					CUSTOMS DISTRICT.	EXPORTS OF DOMESTIC COTTON AND LINTERS (RUNNING BALES).				
	1916	1915	1914	1913	1912		1916	1915	1914	1913	1912
Total	6,191,110	8,544,563	8,914,839	8,800,966	10,681,758	Eagle Pass					
Maine and New Hampshire	10,807	6,398	2,643	7,950	12,280	El Paso					
Massachusetts	100,755	111,170	94,454	159,589	186,779	Arizona			298	325	700
New York	738,558	482,195	359,421	615,418	655,078	San Francisco	192,462	194,020	179,255	262,917	211,778
Philadelphia	26,219	34,906	58,906	62,264	90,482	Oregon				3,716	
Maryland	167,978	61,066	173,167	84,512	130,466	Washington	431,945	257,363	76,198	104,506	213,825
Virginia	82,123	74,549	136,363	73,070	21,666	Dakota	3,919	2,382	533	520	4
North Carolina	170,557	203,294	353,273	317,831	502,426	Minnesota				908	753
South Carolina	85,128	260,819	305,338	228,282	249,864	Duluth and Superior		40	104	50	
Georgia	568,741	1,469,456	1,513,039	1,048,006	2,158,827	Chicago	879				
Florida	65,107	81,739	164,124	125,099	216,424	Michigan	101,926	98,698	100,333	91,021	122,472
Mobile	81,513	95,611	369,613	143,147	357,110	Ohio		50			350
New Orleans	1,251,924	1,545,415	1,705,559	1,350,336	1,600,627	Buffalo	9,305	9,002	11,879	8,049	5,462
Sabine	48,337	51,729	32,808	138,642	199,887	St. Lawrence	15,164	11,640	7,190	8,037	16,024
Galveston	1,962,824	3,433,241	3,214,567	3,884,735	3,700,237	Vermont	49,334	54,624	19,755	22,062	23,324
Laredo	23,695	618	35,728	59,713	4,782	Porto Rico	46	27	273	61	131
						Hawaii	9	11	18		
						Southern California	1,855	4,500			

Net receipts of cotton, by ports.—The term "net receipts of cotton," as here employed, means the amount of domestic cotton received which has not been transshipped from some other port and already included in the latter's receipts. These statistics must not be confused with those of exports. They include large quantities of cotton carried in the coastwise trade to New England and other northern states and consumed in this country, as well as cotton carried to other ports and then exported. The statistics of such net receipts for the principal cotton-handling ports are presented in Table 29.

TABLE 29.—NET RECEIPTS OF RAW COTTON AT PRINCIPAL COTTON PORTS, FOR SPECIFIED YEARS: 1875 TO 1916.

[Compiled from reports of New Orleans Cotton Exchange. The statistics for 1915 and 1916 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

PORT.	NET RECEIPTS OF COTTON (RUNNING BALES).													
	1916	1915	1914	1913	1912	1911	1910	1905	1900	1895	1890	1885	1880	1875
Galveston	2,424,667	4,001,710	3,365,460	4,035,114	3,727,958	2,948,354	2,501,412	2,879,336	1,710,263	1,659,999	860,112	463,463	480,352	354,927
Port Arthur and Texas City	358,150	560,103	513,439	805,313	786,355	527,989	163,778	[1]	[1]	[1]	[1]	[1]	[1]	[1]
New Orleans	1,414,215	1,810,184	1,890,758	1,436,959	1,662,098	1,608,208	1,315,328	2,689,520	1,867,153	2,584,115	1,973,571	1,529,592	1,504,654	993,481
Mobile	163,365	106,997	431,918	230,699	384,239	250,921	255,665	329,556	[2] 340,646	253,187	261,957	237,071	358,971	320,822
Pensacola	70,737	87,236	165,806	125,633	216,114	125,343	138,234	195,151	[3]	[1]	[1]	[1]	[1]	[1]
Brunswick	141,229	215,504	285,173	240,500	425,462	218,946	227,301	199,193	94,278	[1]	[1]	[1]	[1]	[1]
Savannah	1,042,840	1,762,418	1,822,370	1,306,864	2,386,302	1,462,152	1,365,825	1,877,343	1,088,807	944,410	956,517	728,087	741,018	606,727
Charleston	264,877	405,504	423,920	310,293	416,013	286,528	228,728	225,366	265,523	425,487	327,079	507,802	464,332	412,931
Wilmington	221,180	279,097	399,023	342,953	548,122	410,182	312,511	375,383	282,360	234,621	134,916	94,054	78,876	76,601
Norfolk and Newport News	780,958	829,683	744,419	722,803	862,217	593,681	587,363	841,174	432,727	472,540	404,056	545,418	590,032	387,279
Baltimore	75,234	83,114	103,810	84,661	125,893	119,104	85,526	72,427	101,648	[1]	[1]	[1]	[1]	[1]
Philadelphia	8,266	11,134	5,491	8,326	3,972	515	2,581	13,645	36,238	[1]	[1]	[1]	[1]	[1]
New York	34,375	30,022	6,732	15,326	6,961	14,790	40,706	33,798	119,215	187,794	176,502	99,200	229,426	179,163
Boston	89,281	88,043	21,578	46,222	63,112	39,093	14,792	83,644	118,891	[1]	[1]	[1]	[1]	[1]
San Francisco [4]	191,311	189,561	177,048	257,220	194,995	100,787								
Seattle and Tacoma [4]	444,307	277,269	78,271	107,015	214,219	57,120								

[1] Not shown separately. [2] Includes receipts of Pensacola. [3] Included in receipts of Mobile. [4] Not available for years prior to 1911.

The three most important cotton ports, in the order of their importance, are Galveston, New Orleans, and Savannah, and their net receipts during the year ending July 31, 1916, amounted to 4,881,722 bales, or 44.1 per cent of the total quantity of cotton produced in the country from the crop of 1915. The relatively large net receipts at Galveston in recent years are due largely to the increase in cotton production in Texas and Oklahoma and, to some extent, to increased transportation facilities.

Exports of cotton, by countries to which exported.—The annual exports of domestic raw cotton from 1821 to 1916, by countries, and the total value of these exports are shown in Table 30. The quantities cover the fiscal year, while those in Table 28 relate to the cotton year.

Table 30 shows the development of the export trade in raw cotton to the several countries. The total quantity exported during the year ending June 30, 1916, amounted to 6,168,140 bales of 500 pounds each, valued at $374,186,247. Of this cotton, 2,760,890 bales, or 44.8 per cent, were exported to the United Kingdom, 836,915 bales to Italy, and 890,376 bales to France. No cotton was exported to Germany, which during the fiscal year 1914 took 2,884,324 bales, or 30.3 per cent of the total for that year. This marked change was due to the European war, which also affected the exports to other countries, Italy, Spain, Netherlands, and other European countries all showing large gains when compared with antewar conditions.

TABLE 30.—EXPORTS OF DOMESTIC COTTON AND LINTERS—VALUE AND QUANTITY, WITH DISTRIBUTION OF QUANTITY, BY COUNTRIES TO WHICH EXPORTED: 1821 TO 1916.

[Compiled from Commerce and Navigation of the United States. The statistics of exports since 1865 differ slightly from those shown in Table 36 because of a difference in the years to which they relate. The figures of this table are for fiscal years.]

YEAR.	Total value.	EXPORTS OF DOMESTIC COTTON (EQUIVALENT 500-POUND BALES) TO—													
		Total.	United Kingdom.	Germany.	France.	Italy.	Spain.	Belgium	Russia.	Austria-Hungary.	Netherlands.	All other Europe.	Japan.	Canada.	Mexico.	All other countries.
1916	$374,186,247	6,168,140	2,760,890	.....	890,376	836,915	340,246	.....	173,449	.....	102,087	169,154	503,077	197,659	23,695	170,592
1915	376,217,972	8,807,157	3,919,749	294,194	692,699	1,127,400	464,504	5,057	82,125	455	544,035	898,096	428,806	182,790	39,727	127,320
1914	610,475,301	9,521,881	3,581,501	2,884,324	1,139,399	537,357	297,339	227,474	99,076	106,511	35,053	63,725	353,440	150,993	34,671	11,018
1913	547,357,195	9,124,591	3,716,898	2,443,886	1,074,987	500,823	317,954	226,967	74,907	113,182	14,537	55,376	396,779	152,015	20,977	15,303
1912	565,849,271	11,070,251	4,343,108	3,156,171	1,228,294	636,077	313,500	211,903	112,262	125,564	35,242	83,821	480,984	181,667	16,129	145,579
1911	585,318,869	8,067,882	3,461,054	2,202,707	1,021,998	430,296	242,073	150,225	84,941	79,530	18,124	48,713	156,724	156,824	4,631	4,042
1910	450,447,243	6,413,416	2,444,558	1,887,657	968,422	393,327	178,455	102,346	67,203	57,220	18,823	43,378	95,000	125,592	29,604	1,831
1909	417,390,655	8,895,970	3,065,355	2,438,090	1,098,173	565,695	301,789	157,631	96,675	94,782	30,129	58,174	208,943	131,453	42,575	6,506
1908	437,788,202	7,633,997	2,956,352	2,385,663	889,083	418,921	262,744	119,470	98,371	90,049	27,684	62,125	200,396	113,997	4,767	4,375
1907	481,277,797	9,036,434	3,966,119	2,315,651	1,006,633	567,916	275,868	154,168	121,141	113,630	29,092	65,083	262,283	150,343	732	7,775
1906	401,005,921	7,268,090	3,181,143	1,871,441	817,583	486,607	241,747	114,673	112,480	56,375	18,490	44,486	147,269	141,908	29,285	4,603
1905	379,965,014	8,609,698	3,967,254	2,011,679	818,304	534,735	295,537	145,564	129,060	62,572	31,163	72,911	336,575	115,857	79,082	9,405
1904	370,811,246	6,126,386	2,475,752	1,707,354	734,286	363,295	184,862	105,213	168,506	28,158	16,055	61,488	45,870	88,795	56,172	580
1903	316,180,429	7,086,086	2,799,096	1,915,094	806,673	444,950	266,336	157,351	181,038	39,912	42,542	82,243	152,826	127,640	66,507	2,978
1902	290,651,819	7,001,558	3,132,324	1,705,815	775,773	445,437	270,602	132,232	73,446	39,757	22,418	61,679	178,505	129,016	27,500	7,054
1901	313,673,443	6,661,781	3,106,857	1,629,935	754,329	365,359	237,346	154,682	53,171	37,238	53,180	52,325	78,558	102,980	35,103	718
1900	241,832,737	6,201,166	2,302,128	1,619,173	736,092	443,951	246,612	148,319	54,950	44,919	74,635	65,635	323,202	109,983	18,522	13,045
1899	209,564,774	7,546,821	3,609,444	1,728,975	803,406	417,353	248,635	129,524	95,012	57,127	51,621	84,500	182,734	98,230	36,130	4,130
1898	230,442,215	7,700,529	3,532,101	1,858,525	842,038	387,581	263,648	161,941	103,825	35,614	43,509	69,189	224,214	122,495	42,433	13,416
1897	230,890,971	6,207,510	3,127,186	1,371,577	716,025	323,117	219,088	83,485	84,570	23,971	34,731	48,790	64,022	80,408	30,207	333
1896	190,056,460	4,670,453	2,207,222	1,038,457	478,265	261,644	216,178	87,966	91,622	15,912	14,219	51,367	40,388	68,074	38,817	322
1895	204,900,990	7,034,866	3,553,782	1,504,631	790,699	332,656	255,679	145,340	141,998	24,852	25,999	55,319	22,130	105,534	75,953	294
1894	210,869,289	5,366,565	2,970,903	909,389	610,854	211,716	225,364	128,907	140,082	960	38,581	39,686	9,603	65,085	35,165	270
1893	188,771,445	4,424,230	2,363,176	850,387	568,059	160,019	200,212	90,399	36,356	.....	26,614	22,449	1,586	62,988	41,812	173
1892	258,461,241	5,870,440	3,381,685	964,883	692,785	171,003	187,458	134,373	134,392	10,052	27,925	38,996	3,149	79,228	44,235	276
1891	290,712,898	5,814,718	3,401,212	1,019,144	553,100	194,022	218,836	97,423	135,611	4,447	43,669	47,478	4,813	69,261	25,682	20
1890	250,968,792	4,943,600	2,905,152	837,641	484,759	129,751	175,339	93,588	193,163	300	17,438	19,927	.....	58,473	26,095	1,974
1889	237,775,270	4,769,633	2,940,800	660,756	400,197	131,068	181,533	147,807	144,036	5,610	44,354	18,264	.....	61,143	33,802	263
1888	223,016,760	4,528,242	2,838,525	560,624	392,197	110,375	169,331	130,791	216,798	.....	27,725	18,258	.....	52,052	11,414	152
1887	206,222,057	4,338,915	2,713,515	561,664	466,090	73,222	138,490	110,288	151,267	.....	43,735	20,519	.....	47,904	11,951	261
1886	205,085,642	4,116,075	2,444,482	569,435	401,643	110,473	168,414	125,069	184,924	5,252	31,672	16,053	.....	37,425	21,035	198
1885	201,962,458	3,783,319	2,419,834	468,987	361,462	79,041	135,319	85,664	135,131	3,898	37,930	17,750	.....	26,398	11,754	151
1884	197,015,204	3,725,145	2,384,254	363,055	457,369	51,725	135,028	30,863	193,639	1,762	53,913	11,027	.....	19,216	22,368	26
1883	247,328,721	4,576,150	2,776,411	538,583	428,829	80,607	196,939	42,055	347,354	4,656	57,610	28,780	.....	32,636	41,155	535
1882	189,812,644	3,479,952	2,361,793	324,962	333,541	44,073	115,264	4,732	184,233	189	33,820	16,706	.....	35,159	25,075	405
1881	247,695,746	4,381,857	2,729,672	466,192	553,854	75,145	127,741	18,318	267,714	4,218	67,502	18,211	.....	25,960	26,772	558
1880	211,535,905	3,644,122	2,433,255	308,045	359,693	59,126	133,873	17,896	204,500	1,699	65,325	21,097	.....	19,619	19,763	231
1879	162,304,250	3,256,746	1,967,549	274,969	393,977	47,617	141,215	19,127	308,647	2,533	51,734	13,280	.....	15,481	19,796	821
1878	180,031,484	3,215,067	2,079,897	243,298	472,062	36,221	81,371	28,383	170,858	3,636	55,909	22,413	.....	14,165	6,844	10
1877	171,118,508	2,890,738	2,040,731	155,211	438,178	23,096	92,061	4,597	50,219	.....	53,711	13,202	.....	11,017	7,940	775
1876	192,659,262	2,982,811	1,914,660	217,092	407,952	46,759	95,122	31,076	161,794	.....	68,532	15,019	.....	9,961	13,945	899
1875	190,638,625	2,520,818	1,823,884	150,570	310,279	18,084	59,627	6,227	131,417	.....	8,141	2,876	.....	7,123	2,610	.....
1874	211,223,580	2,717,205	1,807,144	229,227	354,731	24,597	106,718	17,107	108,181	.....	38,009	18,041	.....	8,022	4,579	849
1873	227,243,069	2,400,127	1,717,299	190,685	226,740	30,568	55,444	24,253	99,147	2,758	38,172	10,916	.....	2,988	1,101	56
1872	180,684,595	1,867,075	1,407,830	85,033	176,374	11,845	65,142	20,197	49,367	.....	45,570	1	.....	3,792	1,914	10
1871	218,327,109	2,925,856	2,204,645	207,972	119,223	42,915	94,312	35,867	62,271	4,330	111,405	14,220	.....	4,786	22,619	1,291
1870	227,027,624	1,917,117	1,298,332	173,552	306,293	14,549	55,409	3,452	30,341	.....	17,050	1,621	.....	3,122	13,219	177
1869	162,033,052	1,288,656	873,087	140,855	201,116	8,956	32,317	374	19,525	.....	5,331	536	.....	2,244	4,084	231
1868	152,820,733	1,569,527	1,129,030	152,643	186,466	12,066	51,241	1,608	11,748	331	5,045	675	.....	2,091	16,457	126
1867	201,470,423	1,322,947	1,048,641	56,396	167,858	7,223	22,068	1,775	10,179	.....	514	214	.....	1,288	6,622	169
1866	281,385,223	1,301,146	1,024,728	32,276	216,470	397	17,631	653	5,372	.....	283	1,107	.....	1,643	101	485
1865	6,836,400	17,789	16,584	283	714	.....	.....	.....	.....	.....	.....	.....	.....	184	.....	24
1864	9,895,854	23,988	19,302	47	3,557	117	.....	.....	.....	.....	.....	.....	.....	110	835	20
1863	6,652,405	22,770	19,681	.....	2,534	.....	.....	.....	.....	.....	26	.....	.....	303	.....	226
1862	1,180,113	10,129	7,091	17	46	1,688	1,166	.....	.....	.....	.....	.....	.....	115	.....	6
1861	34,051,483	615,032	414,685	23,798	114,541	9,373	22,310	11,364	8,502	.....	5,301	1,767	.....	303	2,821	267
1860	101,806,555	3,535,373	2,528,274	132,145	567,935	54,037	88,044	29,601	43,396	14,943	25,515	30,013	.....	2,771	18,087	612
1859	161,434,923	2,772,937	1,887,372	131,362	372,981	42,977	121,046	28,657	87,240	33,113	32,311	22,690	.....	114	11,987	1,087
1858	131,386,661	2,237,248	1,561,905	58,872	357,580	38,996	79,261	18,691	64,220	13,960	16,995	8,334	.....	261	18,169	4
1857	131,575,859	2,096,565	1,367,996	89,866	348,469	34,480	91,114	24,495	63,867	15,229	20,869	22,544	.....	1,715	15,917	4
1856	128,382,351	2,702,863	1,798,656	124,219	443,535	41,710	116,959	46,343	9,287	37,306	26,193	38,194	.....	8,317	12,021	123
1855	88,143,844	2,016,849	1,346,997	61,642	420,228	49,787	66,143	24,439	898	1,910	9,883	18,083	.....	1,766	15,054	19
1854	93,596,220	1,975,666	1,392,494	75,440	288,857	25,452	70,048	27,961	5,830	29,922	12,096	21,589	.....	145	24,292	1,540
1853	109,456,404	2,223,141	1,587,193	46,280	378,454	34,976	73,702	30,989	42,573	35,937	14,078	13,463	.....	24	14,928	544
1852	87,965,732	2,186,461	1,505,148	44,277	372,428	35,868	58,604	54,316	20,950	47,897	20,518	12,396	.....	33	13,400	626
1851	112,315,317	1,854,474	1,341,290	34,480	278,329	20,641	68,545	32,670	20,197	34,618	11,018	10,639	.....	47	1,692	308
1850	71,984,616	1,270,763	863,062	10,090	251,668	18,707	55,353	25,492	8,677	18,492	8,500	7,532	.....	89	2,627	384
1849	66,396,967	2,053,204	1,478,690	27,689	302,680	33,316	46,572	56,227	21,301	26,559	23,775	26,003	.....	194	4,437	5,761
1848	61,998,294	1,628,549	1,144,006	35,074	272,596	17,184	38,647	30,559	20,534	40,868	9,703	10,129	.....	45	.....	9,204
1847	53,415,848	1,054,440	702,538	21,779	204,235	26,431	24,627	20,369	11,237	23,561	3,957	7,277	.....	208	.....	8,221
1846	42,767,341	1,095,116	692,317	15,391	264,106	28,620	235	14,817	8,585	26,704	7,700	7,324	.....	95	8,785	20,377
1845	51,739,643	1,745,812	1,210,290	34,605	295,659	13,714	673	28,595	14,991	41,786	25,099	7,887	.....	166	3,323	69,024
1844	54,063,501	1,327,267	973,459	12,579	240,120	6,346	8,249	19,771	5,536	24,456	6,155	2,610	.....	2,797	11,898	13,291
1843	49,109,806	1,584,594	1,169,691	30,507	273,629	18,371	.....	30,287	6,858	12,032	16,348	898	.....	6	3,265	22,702
1842	47,593,464	1,169,434	757,395	19,525	311,643	8,817	.....	16,455	5,668	14,187	16,783	2,477	.....	36	.....	16,448
1841	54,330,341	1,060,408	696,613	12,992	278,790	3,738	36	19,632	1,972	16,263	5,270	4,104	.....	553	.....	20,355
1840	63,870,307	1,487,882	989,830	18,317	358,180	7,805	1,049	25,780	4,406	26,336	21,698	5,160	.....	59	.....	29,262
1839	61,238,982	827,248	621,548	1,780	179,565	10	1,179	2,711	4,209	4,741	3,731	3,270	.....	.....	.....	4,504
1838	61,556,811	1,191,905	883,716	9,437	240,649	460	5,663	11,405	5,577	11,314	15,291	3,069	.....	13	112	5,199
1837	63,240,102	888,423	643,159	7,530	198,617	1,107	4,665	3,539	1,995	16,860	4,345	3,609	.....	16	4	2,977
1836	71,284,925	847,263	585,038	14,130	202,727	322	3,252	7,960	2,833	13,925	8,841	6,867	.....	22	14	1,332
1835	64,961,302	774,718	540,169	5,414	200,994	26	1,756	2,818	1,950	9,886	8,555	1,963	.....	26	.....	1,161
1834	49,448,402	769,436	569,448	13,235	159,897	382	1,786	2,410	2,521	7,611	9,848	2,128	.....	18	.....	152
1833	36,191,105	649,397	476,484	3,751	153,666	.....	1,516	2,619	2,895	2,215	2,727	2,788	.....	36	296	404
1832	31,724,682	644,430	458,015	8,150	154,935	1,162	4,568	(1)	1,678	3,309	[2] 7,840	3,756	.....	72	.....	945
1831	25,289,492	553,960	441,634	4,834	92,257	612	1,111	.....	1,524	5,558	1,945	3,738	.....	678	.....	69
1830	29,674,883	596,918	419,661	2,246	150,212	471	64	.....	223	5,629	17,135	1,257	.....	19	.....	1
1829	26,575,311	529,674	349,120	13,746	134,408	2,113	.....	.....	456	8,142	19,196	1,949	.....	21	.....	523
1828	22,467,229	421,181	293,666	6,782	106,962	814	.....	.....	1,300	1,961	7,562	1,853	.....	33	.....	248
1827	29,359,545	588,620	425,415	6,797	140,848	296	16	.....	294	366	11,725	2,545	.....	70	.....	248
1826	25,025,214	409,071	267,758	4,121	124,337	.....	.....	.....	31	67	9,185	2,872	.....	65	.....	635
1825	36,846,649	352,900	287,426	1,154	60,008	2	.....	.....	268	.....	2,840	1,135	.....	14	44	9
1824	21,947,401	286,739	202,421	590	81,306	.....	.....	.....	1,003	.....	866	402	.....	41	.....	20
1823	20,445,520	347,447	280,368	4,717	49,987	435	.....	.....	619	356	9,301	1,455	.....	192	4	13
1822	24,035,058	289,350	228,928	5,911	43,016	3,913	.....	.....	1,428	420	3,941	674	.....	2	.....	1,117
1821	20,157,484	249,787	175,438	1,496	54,878	1,796	570	.....	609	70	8,372	2,188	.....	.....	.....	4,370

[1] Included with Netherlands.

[2] Includes exports to Belgium.

The marked variations from year to year in the quantities of cotton exported to Japan may be attributed, in part, to irregularity in the supply of Indian cotton, upon which the Japanese mills chiefly rely for their raw material. The exports to "All other countries" include cotton to India and to China, in which countries American cotton is used, to some extent, for mixing with the short-fiber native cotton and in the manufacture of goods requiring a long-staple cotton.

Exports of domestic cotton, by months.—In Table 31 the exports of domestic cotton and linters are presented by months and by the more important countries of destination from September, 1912, to July, 1916, inclusive. The total quantity of linters included in each month's exports, since September, 1913, is also shown.

TABLE 31.—EXPORTS OF DOMESTIC COTTON AND LINTERS, BY COUNTRIES TO WHICH EXPORTED, BY MONTHS: SEPTEMBER, 1912, TO JULY, 1916, INCLUSIVE.

MONTH.	Year.	EXPORTS OF DOMESTIC COTTON AND LINTERS (RUNNING BALES) TO—						Linters included in exports.
		Total.	United Kingdom.	Germany.	France.	Italy.	All other countries.	
August	1915	162,059	33,748	.....	9,529	48,025	70,757	11,736
	1914	21,210	6,370	52	5	1,546	13,237	885
	1913	257,172	77,488	72,928	52,933	13,568	40,255	(1)
September	1915	501,585	230,497	.....	92,217	121,043	57,828	10,624
	1914	125,778	50,980	.....	.....	16,678	58,120	1,808
	1913	930,328	376,426	290,805	131,950	45,290	85,857	3,962
	1912	729,859	345,290	163,449	103,060	36,901	81,159	(1)
October	1915	675,279	291,740	.....	106,725	139,541	137,273	12,480
	1914	497,132	232,065	.....	22,302	48,147	194,618	4,104
	1913	1,517,891	514,105	465,525	279,469	54,282	204,510	9,457
	1912	1,515,746	638,780	430,744	239,515	63,606	143,101	(1)
November	1915	524,392	159,099	.....	105,940	96,097	163,256	12,725
	1914	760,929	333,700	1,000	42,290	117,398	266,541	7,267
	1913	1,501,259	530,355	516,853	183,494	67,994	202,563	27,005
	1912	1,734,687	764,928	464,058	263,582	51,756	190,363	(1)
December	1915	558,278	276,697	.....	78,646	67,813	135,122	11,629
	1914	1,202,115	572,396	47,076	75,030	200,028	307,585	30,431
	1913	1,230,830	473,028	326,938	146,074	80,621	204,169	21,249
	1912	1,391,394	610,386	384,345	165,573	57,056	174,034	(1)
January	1916	539,415	339,538	.....	25,348	34,800	139,729	5,408
	1915	1,372,183	585,534	99,913	70,901	217,982	397,853	24,012
	1914	1,052,272	437,231	308,116	78,574	54,824	173,527	24,697
	1913	900,931	355,837	240,087	97,818	49,871	157,318	(1)
February	1916	703,932	425,128	.....	89,520	17,544	171,740	15,297
	1915	1,501,701	633,574	88,508	135,833	157,123	486,663	32,242
	1914	751,013	328,794	212,599	74,785	36,473	98,362	39,325
	1913	530,911	166,726	159,817	26,991	47,450	129,927	(1)
March	1916	464,035	174,797	.....	99,964	53,047	136,227	37,638
	1915	1,208,573	440,490	6,112	140,311	146,584	475,076	60,175
	1914	695,310	264,999	219,948	70,447	43,130	96,786	39,619
	1913	372,073	97,185	128,019	14,561	44,847	87,461	(1)
April	1916	522,375	212,871	.....	91,365	56,056	162,083	34,525
	1915	672,035	378,828	.....	64,650	55,956	172,601	17,609
	1914	398,223	147,208	118,198	25,019	32,568	75,140	32,196
	1913	534,596	208,963	133,024	19,899	38,338	134,372	(1)
May	1916	510,081	206,622	.....	71,589	75,000	156,870	37,516
	1915	615,290	359,675	.....	60,158	57,027	138,430	18,708
	1914	394,714	140,618	132,123	29,837	33,323	58,813	29,047
	1913	468,966	164,871	126,574	23,643	41,440	112,438	(1)
June	1916	549,926	262,120	.....	63,408	51,670	172,728	51,420
	1915	323,140	119,090	.....	43,941	38,103	122,006	13,065
	1914	295,578	121,726	80,639	11,423	30,349	51,441	23,795
	1913	223,921	88,906	60,804	7,935	27,077	39,199	(1)
July	1916	479,753	246,305	.....	87,681	28,269	117,498	54,380
	1915	244,477	58,944	.....	27,209	52,969	105,355	11,569
	1914	126,211	43,777	41,291	2,522	22,758	15,863	8,644
	1913	140,710	39,898	40,548	7,132	24,589	28,543	(1)

[1] Not available.

Exports of sea-island cotton.—Statistics of exports of sea-island cotton, by countries to which exported, are given in the following table for the years 1906 to 1916 and for selected years since 1885.

TABLE 32.—EXPORTS OF SEA-ISLAND COTTON, BY COUNTRIES TO WHICH EXPORTED, FOR SPECIFIED YEARS: 1885 TO 1916.

[The statistics for 1915 and 1916 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

YEAR.	EXPORTS OF SEA-ISLAND COTTON (EQUIVALENT 500-POUND BALES) TO—					YEAR.	EXPORTS OF SEA-ISLAND COTTON (EQUIVALENT 500-POUND BALES) TO—				
	Total.	United Kingdom.	France.	Germany.	All other countries.		Total.	United Kingdom.	France.	Germany.	All other countries.
1916	3,580	1,656	.....	.....	1,924	1908	25,587	17,874	7,112	413	188
1915	5,824	1,847	.....	516	3,461	1907	15,252	11,056	3,925	185	86
1914	13,917	8,840	3,248	297	1,532	1906	31,624	23,870	6,787	838	129
1913	10,003	6,368	3,211	259	165	1900	36,240	30,131	5,193	796	120
1912	20,192	14,821	4,905	178	288	1895	30,455	26,350	3,878	36	191
1911	17,797	12,818	4,077	482	420	1890	18,568	16,853	1,420	169	126
1910	22,748	18,154	4,074	520	.....	1885	13,708	11,950	1,560	13	185
1909	19,654	13,589	5,070	426	569						

EXPORTS AND IMPORTS OF COTTON MANUFACTURES.

Closely related to the consumption of cotton in the domestic manufacture of cotton goods is the foreign trade in these fabrics. Accordingly, the following tables, compiled by the Bureau of Foreign and Domestic Commerce, of this department, showing the exports and imports for the last fiscal year, are presented. Table 33 gives the statistics of exports by classes of goods and by countries to which exported; Table 34 gives the imports of cotton manufactures by classes of goods and by countries from which imported; and Table 35 shows the total value of imports and exports for the different countries.

The exports of cotton manufactures for 1916 show an increase of more than $40,000,000 over those for 1915, and $60,000,000 over those for 1914. An increase is shown in every class of goods except "All other clothing and wearing apparel." The countries showing the largest gains are Canada, with more than $8,500,000, Argentina, with nearly $5,500,000, and Cuba, with about $3,400,000. The exports to South America increased from $3,799,352 in 1914 to $3,819,659 in 1915 and $15,347,937 in 1916, while those to China decreased from $6,188,192 in 1914 to $953,677 in 1916. Imports of cotton manufactures in 1916 show a slight gain over 1915 but are much smaller than in 1914 and previous years. The imports from the United Kingdom show a large increase, while those from Germany, which were formerly second in importance, have almost ceased, and those from France and Switzerland show a large reduction.

TABLE 33.—EXPORTS OF DOMESTIC MANUFACTURES OF COTTON, BY COUNTRIES TO WHICH EXPORTED, FOR THE YEAR ENDING JUNE 30, 1916.

[Compiled by the Bureau of Foreign and Domestic Commerce, Department of Commerce.]

COUNTRY.	EXPORTS OF DOMESTIC MANUFACTURES OF COTTON.											
	Total value.	Cloths.						Clothing and other wearing apparel.		Cotton waste.		Yarn (value).	All other manufactures of cotton.
		Unbleached.		Bleached.		Colored.		Knit goods (value).	All other (value).	Pounds.	Value.		
		Yards.	Value.	Yards.	Value.	Yards.	Value.						
Total	$112,053,235	176,626,594	$17,491,224	76,499,861	$5,988,071	297,445,265	$22,902,095	$20,894,098	$13,365,376	47,965,887	$3,871,637	$5,276,105	$22,264,629
EUROPE:													
United Kingdom	26,706,477	20,642,321	5,695,539	1,185,199	235,938	1,859,261	240,008	11,921,765	1,160,500	20,742,777	1,694,955	560,561	5,197,211
Germany	1,468								1,375				93
Turkey (including Asiatic Turkey)													
Belgium	700,456							58,035	517,308				125,113
Italy	1,201,600	683,257	141,196	29,002	6,576	42,515	20,045	61,144	192,344	360,679	32,464	49,336	698,495
Netherlands	961,004	180,465	53,871	18,145	1,539	18,185	3,632	256,108	579,546	276,488	17,745	22,316	26,247
France	5,030,213	2,014,284	479,885	447,916	57,050	1,291,457	169,141	254,805	1,192,876	7,095,283	652,357	226,843	1,997,256
Russia (including Asiatic Russia)	619,157	208,827	203,597	16,979	2,863	11,764	1,672	64,360	26,026	2,262,177	130,228	661	189,750
Spain	65,853	23,078	3,456	13,407	1,802	33,251	3,804	9,831	22,594	80	5	102	24,259
All other Europe	2,959,633	7,127,438	709,830	1,274,350	139,139	1,296,967	127,331	321,714	131,673	209,218	16,098	114,352	1,399,496
NORTH AMERICA:													
Canada (including Newfoundland)	18,274,627	8,707,626	659,337	5,717,111	535,260	43,088,923	4,749,570	1,053,619	3,409,574	12,755,674	1,037,178	945,704	5,879,385
Mexico	4,891,956	7,126,163	474,422	8,522,819	585,865	24,799,554	1,813,579	250,808	838,797	427,256	29,040	12,473	886,972
Panama	1,396,880	907,392	76,398	805,103	76,435	4,660,791	270,043	120,875	507,448	411,814	28,248	7,233	310,200
San Salvador	735,144	7,087,363	412,292	508,261	31,919	3,575,628	222,206	4,957	7,728	10,920	835	14,780	40,427
Honduras	523,688	1,624,194	83,792	677,678	48,021	3,335,108	215,277	26,661	77,863	50,705	3,607	862	65,605
Guatemala	578,579	2,140,124	119,181	420,067	25,736	3,966,186	278,853	12,273	40,705	20,667	1,846	60,177	33,808
Nicaragua	518,651	1,517,312	85,313	702,470	51,592	3,237,797	224,122	26,774	84,388	11,602	752	1,297	44,413
Costa Rica	623,699	1,719,678	116,909	1,090,962	70,845	4,504,632	288,217	16,740	36,987	21,702	1,511	5,147	87,343
British Honduras	188,017	149,149	12,363	350,637	33,692	717,952	52,894	13,675	58,792	11,820	935	90	15,576
Cuba	7,741,671	6,125,226	470,076	9,514,963	840,556	44,998,819	2,952,169	808,457	1,338,602	1,477,556	100,925	30,056	1,200,830
Haiti	2,276,749	4,811,534	287,162	2,001,282	124,475	20,730,982	1,636,673	35,380	15,966	6,624	505	107,782	68,806
Santo Domingo	1,347,916	2,028,193	124,689	1,945,319	127,999	11,236,997	770,508	78,813	110,144	30,102	2,286	382	133,095
British West Indies	1,857,719	3,741,569	245,834	2,560,308	172,107	12,029,289	774,624	165,101	279,389	75,638	5,671	1,827	213,166
Dutch West Indies	109,556	138,381	12,176	53,527	4,506	796,813	48,272	6,998	20,813	7,143	546	15	16,230
Danish West Indies	34,062	32,575	2,982	21,625	1,559	192,028	12,579	4,253	6,843	1,343	124	449	5,273
French West Indies (including Miquelon)	93,024	99,728	9,432	154,404	9,756	715,391	50,597	6,035	6,378			85	10,741
Bermuda	115,823	17,416	1,703	21,181	1,862	68,743	5,149	35,077	46,530	3,126	285	198	25,019
SOUTH AMERICA:													
Chile	1,638,043	9,667,771	639,805	878,061	100,445	1,665,488	111,401	141,485	77,569	813,310	53,389	361,595	152,354
Colombia	2,607,192	5,082,510	297,207	6,749,614	365,963	21,729,454	1,214,249	111,499	192,010	40,345	2,806	135,766	287,692
Brazil	782,755	207,563	42,983	345,057	51,600	1,211,097	131,918	161,597	82,231	88,918	5,914	85,432	221,080
Argentina	6,495,724	3,899,581	578,663	2,685,095	225,716	8,326,128	796,786	1,686,512	319,543	235,272	14,493	2,183,809	690,202
Venezuela	1,114,606	2,430,765	214,601	1,019,148	70,914	8,304,014	604,233	53,202	12,930	45,695	3,915	629	154,182
Guiana	282,383	184,841	14,176	209,459	15,973	2,430,312	164,746	55,424	13,647	17,134	451	351	17,615
Uruguay	870,613	413,618	49,512	247,433	19,741	649,041	76,054	377,810	115,814	35,315	3,127	133,067	95,488
Peru	675,686	1,097,833	87,591	321,581	33,085	2,074,542	167,419	175,503	103,529	296,436	18,064	12,771	77,724
Ecuador	498,321	926,917	63,694	519,193	36,475	3,272,963	192,744	60,294	78,653	20,328	1,715	5,745	59,001
Bolivia	366,254	3,069,619	184,155	1,200,944	69,694	833,680	52,080	32,750	14,673	2,836	205	325	12,372
Paraguay	16,360			4,664	338	62,874	8,348	4,434	491				2,749
ASIA AND OCEANIA:													
China	953,677	9,230,592	638,695	1,383,753	84,735	1,204,856	119,875	22,712	38,945	200	16	2,461	46,238
Aden	1,012,830	20,615,413	1,007,210			77,000	3,830		2				1,788
British India	1,262,347	12,438,821	886,695	408,556	37,079	1,262,919	169,247	16,628	16,000				136,698
Japan	150,273	447,075	47,211	195,469	22,290	92,254	7,830	3,478	13,065				56,399
Hongkong	298,129	302,570	64,562	55,283	7,500	161,678	20,015	6,599	9,279			116,760	73,414
British Australasia	5,312,125	4,772,504	600,202	1,678,882	233,039	9,720,127	1,031,478	1,900,001	908,571	25,966	2,497	57,238	579,099
Philippine Islands	5,976,922	9,823,264	693,110	18,153,598	1,253,889	45,106,886	2,925,052	95,988	234,506	36,089	3,799	8,266	762,312
All other Asia and Oceania	329,536	947,485	84,202	167,756	19,731	1,039,086	79,035	30,325	68,804	18,407	1,751	2,309	43,379
AFRICA:													
British East Africa	288,568	5,424,536	268,049	167,777	13,419	6,595	707	2,749	945				2,699
British South Africa	848,614	742,731	111,786	256,316	17,274	634,083	68,463	274,564	309,851	12,931	817	741	65,118
All other Africa	718,655	6,047,292	435,680	1,859,447	122,079	371,155	25,620	59,286	43,129	6,311	532	112	32,217

TABLE 34.—IMPORTS OF COTTON MANUFACTURES, BY COUNTRIES FROM WHICH IMPORTED, FOR THE YEAR ENDING JUNE 30, 1916.

[Compiled by the Bureau of Foreign and Domestic Commerce, Department of Commerce.]

COUNTRY.	IMPORTS OF COTTON MANUFACTURES.											
	Total value.	Cloths.						Clothing, ready-made, and other wearing apparel.		Laces, edgings, embroideries, etc. (value).	Thread and yarn (value).	All other manufactures of cotton (value).
		Colored.		Bleached.		Unbleached.						
		Square yards.	Value.	Square yards.	Value.	Square yards.	Value.	Knit goods (value).	All other clothing (value).			
Total	$47,511,870	30,729,589	$5,862,339	14,438,892	$2,295,784	7,277,904	$688,133	$1,411,439	$1,423,549	$21,153,392	$5,084,987	$9,592,247
EUROPE:												
United Kingdom	27,772,312	26,760,239	5,252,983	9,628,279	1,506,829	6,904,785	637,350	72,018	91,917	7,490,749	5,056,186	7,655,280
Germany	1,991,717	36,152	8,715	74,577	12,771	.....	.....	1,125,054	14,381	627,880	8,753	194,163
France	6,710,360	720,017	208,207	441,864	121,465	17,905	3,005	41,496	901,146	4,965,369	955	468,717
Switzerland	7,879,254	266,636	45,368	3,680,430	586,680	262,689	39,888	117,129	98,484	6,796,509	13,014	182,182
Austria-Hungary	20,344	13,301	1,874	545	242	.....	.....	.....	283	8,451	.....	9,494
Belgium	28,342	.....	.....	.....	.....	.....	.....	.....	253	22,389	.....	5,700
Italy	741,448	4,575	1,385	17,493	2,529	391	25	11,875	4,026	299,286	.....	422,322
Spain	72,272	114,487	20,374	1,997	267	.....	.....	3,718	12,614	5,224	.....	30,075
Turkey (including Asiatic Turkey)	2,796	.....	.....	.....	.....	.....	.....	.....	.....	1,579	.....	1,217
All other Europe	235,161	297,091	39,972	14,567	2,179	195	17	27,422	4,488	140,700	962	19,421
AMERICA:												
Canada	77,962	1,576	379	2,247	549	4,617	1,270	1,146	3,200	7,126	4,459	59,833
Mexico	34,649	40,757	3,993	27	1	19,681	1,403	1,158	123	5,154	.....	22,817
All other America	6,337	9,537	2,479	100	8	.....	.....	21	1,360	1,172	.....	1,297
Japan	1,861,382	2,460,267	276,078	542,968	57,763	64,461	4,848	10,058	278,021	751,552	1	483,056
China	61,864	4,190	442	33,458	4,428	3,180	327	344	9,074	18,885	9	28,355
British India	3,578	.....	.....	.....	.....	.....	.....	.....	.....	91	.....	3,487
All other countries	12,092	764	90	340	68	.....	.....	.....	4,170	2,276	648	4,831

TABLE 35.—VALUE OF EXPORTS AND IMPORTS OF COTTON MANUFACTURES, BY COUNTRIES TO WHICH EXPORTED OR FROM WHICH IMPORTED, FOR THE YEAR ENDING JUNE 30: 1900, 1905, 1906, AND 1908 TO 1916.

[Compiled by the Bureau of Foreign and Domestic Commerce, Department of Commerce.]

COUNTRY.	1916	1915	1914	1913	1912	1911	1910	1909	1908	1906	1905	1900
EXPORTS.												
Total	$112,053,235	$71,685,259	$51,467,233	$53,743,977	$50,769,511	$40,851,918	$33,398,672	$31,878,566	$25,177,758	$52,944,033	$49,666,080	$24,003,087
EUROPE:												
United Kingdom	26,706,477	23,694,368	4,360,288	4,782,758	3,946,923	3,511,690	2,857,625	2,092,212	2,487,349	2,042,377	1,446,409	1,256,729
Germany	1,468	117,311	1,654,368	1,304,519	933,429	927,166	896,351	1,035,235	1,140,332	971,647	601,541	385,683
All other Europe	11,537,916	6,287,823	2,237,685	1,889,399	1,594,826	1,055,002	979,590	738,992	972,741	654,353	383,692	270,229
AMERICA:												
Canada	18,274,627	9,771,888	9,559,177	10,536,412	8,590,398	6,474,722	5,242,511	3,712,506	3,279,519	3,587,567	3,030,341	2,691,992
Mexico	4,891,956	2,260,834	1,200,704	1,064,892	988,263	797,617	772,127	646,488	869,244	821,302	880,074	958,889
Central America	4,564,658	1,982,498	3,530,303	3,434,742	3,945,437	3,417,774	2,511,625	2,456,345	2,363,424	2,260,618	2,052,208	1,176,142
British West Indies (including Bermuda)	1,973,542	1,233,055	1,342,519	1,022,049	1,329,675	967,547	819,124	950,876	687,311	713,885	659,382	435,949
Cuba	7,741,671	4,325,431	2,832,602	2,903,395	3,090,262	2,235,350	1,644,498	1,906,964	1,585,376	1,507,473	1,330,260	612,252
Haiti	2,276,749	770,452	1,706,208	1,465,690	1,756,755	1,510,425	1,220,290	1,258,197	742,978	822,815	524,860	745,693
All other North America	1,584,558	2,131,500	919,824	1,138,534	1,112,072	999,611	762,347	579,181	577,516	452,468	650,342	500,200
Brazil	782,755	182,715	220,262	386,368	308,712	413,184	388,760	265,177	373,545	636,374	823,120	436,118
Chile	1,638,043	639,031	889,544	808,674	805,125	1,001,591	666,133	490,016	616,814	898,155	764,468	531,131
Colombia	2,607,192	846,793	849,433	1,453,774	1,162,092	980,984	892,886	823,216	624,587	693,021	896,143	310,360
Peru	675,686	128,301	216,169	198,331	227,607	176,323	158,476	104,760	132,409	112,707	157,202	113,332
Venezuela	1,114,606	413,203	413,096	376,314	498,079	449,254	289,797	346,443	319,937	429,645	438,094	333,204
All other South America	8,529,655	1,609,616	1,201,848	1,281,848	1,142,989	1,011,398	963,874	1,005,291	692,939	902,684	1,105,447	355,556
ASIA AND OCEANIA:												
China	953,677	1,261,601	6,188,192	5,796,984	7,471,103	5,412,849	5,847,392	8,067,472	3,413,248	29,814,075	28,017,190	8,804,778
British India	1,262,347	1,032,909	1,071,397	1,276,076	979,850	715,174	732,184	760,677	296,807	655,346	486,843	524,410
British Australasia	5,312,125	2,333,682	1,900,201	1,813,053	1,694,068	1,773,201	962,154	979,440	1,039,426	1,285,085	1,079,179	622,228
Aden	1,012,830	1,478,922	1,018,906	1,433,950	2,026,394	1,067,382	464,413	1,312,265	998,736	1,634,134	1,140,875	(1)
Philippine Islands	5,976,922	7,868,489	6,706,094	7,077,165	5,277,192	4,305,518	2,936,398	1,059,042	836,845	403,896	850,244	(1)
All other Asia and Oceania	777,538	454,099	677,668	771,210	613,115	681,955	690,710	605,024	711,534	862,092	1,761,726	1,838,346
AFRICA	1,855,837	860,648	761,745	1,527,835	1,275,145	966,201	699,407	682,747	415,141	782,224	586,350	[2] 1,039,707
IMPORTS.												
Total	47,511,870	46,205,123	69,410,964	63,935,983	63,506,574	64,056,473	66,473,143	62,010,286	68,379,781	63,043,322	48,919,936	41,296,239
EUROPE:												
United Kingdom	27,772,312	20,220,239	23,852,547	20,361,396	19,400,725	19,747,868	20,365,696	19,951,548	22,421,517	19,446,227	15,080,333	17,110,588
Germany	1,991,717	10,140,775	17,617,863	16,406,123	15,384,519	15,689,422	16,707,993	14,859,770	18,036,650	16,459,615	14,332,763	8,863,297
France	6,710,360	5,929,776	14,836,509	12,264,492	11,694,388	11,189,892	11,820,515	11,959,565	11,669,509	13,038,125	8,701,625	5,623,340
Switzerland	7,879,254	7,360,128	10,335,521	11,546,075	13,902,023	14,988,217	15,463,607	13,533,057	14,478,092	12,578,536	9,728,717	8,975,580
Belgium	28,342	220,702	416,844	465,001	554,375	484,744	522,323	558,974	635,846	458,557	354,214	321,803
Austria-Hungary	20,344	195,331	432,380	600,780	615,410	604,556	659,844	490,658	280,236	218,974	113,833	107,128
Italy	741,448	421,409	338,273	337,895	310,025	199,036	125,661	66,399	182,792	97,520	41,281	10,003
Spain	72,272	115,840	99,501	88,779	104,482	109,488	57,965	49,027	84,811	86,952	57,400	2,747
Turkey (including Asiatic Turkey)	2,796	25,353	190,002	509,749	582,899	271,834	156,228	90,564	89,552	43,725	42,796	68,355
All other Europe	235,161	187,495	146,946	152,678	121,867	97,566	115,709	80,937	59,011	132,716	82,052	19,634
AMERICA:												
Canada	77,962	129,768	30,193	19,892	19,108	46,788	21,470	10,877	20,912	10,467	19,429	6,527
Mexico	34,649	35,088	25,587	21,932	56,248	42,716	29,765	23,414	28,787	30,110	44,154	33,328
All other America	6,337	13,227	4,706	10,649	7,801	15,788	10,441	4,778	4,347	2,074	2,465	1,460
Japan	1,861,382	1,156,104	1,007,133	1,029,086	665,926	490,177	292,951	236,062	305,270	316,278	202,736	71,066
China	61,864	28,767	45,235	56,174	30,819	31,641	16,306	11,180	29,028	14,657	25,618	25,073
British India	3,578	6,370	13,381	31,150	34,237	28,255	44,789	21,984	44,036	67,872	50,441	47,742
All other countries	12,092	18,751	18,343	34,132	21,722	18,485	61,880	61,492	9,385	31,917	30,179	8,418

[1] Included in "Other Asia and Oceania."

[2] Includes exports to Hawaii, valued at $584,398.

PRODUCTION, CONSUMPTION, EXPORTS, AND IMPORTS OF COTTON.

Table 36 shows the production of cotton, average net weight of bale, average value per pound, consumption of cotton and linters, exports of domestic cotton, and net imports of raw cotton from 1790 to 1915, thus presenting a complete record of the cotton trade for the United States.

TABLE 36.—PRODUCTION, CONSUMPTION, EXPORTS, AND NET IMPORTS OF RAW COTTON, FOR THE UNITED STATES: 1790 TO 1915.

Production.—The production statistics relate, when possible, to the year of growth, but when figures for the growth year are wanting, those for a commercial crop which represents the trade movement have been taken. The statistics of production for the years 1790 to 1898, inclusive, have been compiled from publications of the Department of Agriculture; for the years 1899 to 1915, inclusive, and for other years, when available, census figures have been used.

Price of upland cotton.—For the years 1910 to 1915, inclusive, the price per pound shown for upland cotton represents the average price received for cotton by the growers as computed by the Department of Agriculture; for the years 1902 to 1909 it is the average price of the average grade marketed in New Orleans prior to April 1 of the following year; for the years 1890 to 1901, inclusive, it is the average price of middling cotton on the New Orleans Cotton Exchange; and for the years 1790 to 1889, inclusive, it is taken from reports of the Department of Agriculture.

Consumption.—The statistics of consumption for the years 1790 to 1894, inclusive, have been compiled from publications of the Department of Agriculture, and those for the years 1895 to 1903, inclusive, from the reports of Latham, Alexander & Co. Census figures have been used for the years 1904 to 1915, inclusive, and for other years when available. The statistics relate to the 12 months during which the crop of the specified year was chiefly marketed, and not to the calendar year specified.

Domestic exports and net imports.—For the years 1790 to 1819, inclusive, the statistics have been taken from American state papers, and for the years 1820 to 1915 from the reports on Commerce and Navigation of the United States, published by the Bureau of Foreign and Domestic Commerce, Department of Commerce. For the years 1790 to 1842, inclusive, the statistics of exports relate to the 12 months beginning with October 1 of the specified year; for 1843 to 1856, inclusive, to the 12 months beginning with July 1; for 1857 to 1913, inclusive, to the 12 months beginning with September 1; and for 1914 and 1915 to the 12 months beginning with August 1. The statistics of imports relate to the same periods as the statistics of exports.

YEAR.	COTTON PRODUCTION. Running bales, counting round as half bales.	Equivalent 500-pound bales, gross weight.	Average net weight of bale (lbs.).	Average price per pound, upland cotton (cents).	Consumption of cotton and linters (equivalent 500-pound bales).	Exports of domestic cotton (equivalent 500-pound bales).	Net imports (equivalent 500-pound bales).
1915...	11,068,173	11,191,820	484	11.2	7,055,760	6,405,993	420,995
1914...	15,905,840	16,134,930	485	7.3	5,835,592	8,931,253	363,595
1913...	13,982,811	14,156,486	484	12.5	5,702,639	9,256,028	265,646
1912...	13,488,539	13,703,421	486	11.5	5,630,835	9,199,093	225,460
1911...	15,553,073	15,692,701	483	9.6	5,181,826	10,681,332	220,268
1910...	11,568,334	11,608,616	480	14.0	4,516,779	8,025,991	231,191
1909...	10,072,731	10,004,949	475	14.3	4,559,002	6,491,843	151,395
1908...	13,086,005	13,241,799	484	9.2	5,198,963	8,889,724	165,451
1907...	11,057,822	11,107,179	480	11.5	4,493,028	7,779,508	140,869
1906...	12,983,201	13,273,809	489	10.0	4,974,199	8,825,236	202,733
1905...	10,495,105	10,575,017	482	10.9	4,877,465	6,975,494	133,464
1904...	13,451,337	13,438,012	478	8.7	4,523,208	9,057,397	130,182
1903...	9,819,969	9,851,129	480	12.2	3,980,567	6,233,682	100,298
1902...	10,588,250	10,630,945	481	8.2	4,187,076	6,913,506	149,113
1901...	9,582,520	9,509,745	489	8.1	4,080,287	6,870,313	190,080
1900...	10,102,102	10,123,027	480	9.3	3,603,516	6,806,572	116,610
1899...	9,393,242	9,345,391	476	7.6	3,687,253	6,167,623	134,778
1898...	11,189,205	11,435,368	489	4.9	3,672,097	7,626,525	103,223
1897...	10,897,857	10,985,040	482	5.6	3,472,398	7,811,031	105,802
1896...	8,532,705	8,515,640	477	7.3	2,841,394	6,124,026	114,712
1895...	7,161,094	7,146,772	477	8.2	2,499,731	4,761,505	112,001
1894...	9,901,251	10,025,534	484	5.9	2,983,665	6,961,372	99,399
1893...	7,493,000	7,433,056	474	7.5	2,300,276	5,307,295	59,405
1892...	6,700,365	6,658,313	475	8.4	2,415,875	4,485,251	85,735
1891...	9,035,379	8,940,867	473	7.3	2,846,753	5,896,800	64,394
1890...	8,652,597	8,562,089	473	8.6	2,604,491	5,850,219	45,580
1889...	7,472,511	7,472,511	478	11.5	2,518,409	4,928,921	18,334
1888...	6,938,290	6,923,775	477	10.7	2,309,250	4,730,102	15,284
1887...	7,046,833	6,884,667	467	10.3	2,205,302	4,519,254	11,983
1886...	6,505,087	6,314,561	464	10.3	2,049,687	4,301,542	7,552
1885...	6,575,691	6,369,341	463	9.4	2,094,682	4,200,651	8,270
1884...	5,682,000	5,477,448	460	10.5	1,687,108	3,783,319	7,144
1883...	5,713,200	5,521,963	462	10.6	1,813,865	3,733,369	11,247
1882...	6,949,756	6,833,442	470	10.6	2,038,400	4,591,331	4,716
1881...	5,456,048	5,136,447	450	12.2	1,849,457	3,376,521	3,261
1880...	6,605,750	6,356,998	460	11.3	1,865,922	4,453,495	5,447
1879...	5,755,369	5,466,387	454	12.0	1,500,688	3,742,752	7,578
1878...	5,074,155	4,745,078	447	10.8	1,457,266	3,290,167	5,049
1877...	4,773,865	4,494,224	450	11.3	1,458,667	3,197,439	5,046
1876...	4,474,069	4,118,390	440	11.7	1,314,489	2,839,418	4,832
1875...	4,632,313	4,302,818	444	13.0	1,255,712	3,037,050	4,498
1874...	3,832,991	3,528,276	440	15.0	1,098,163	2,504,118	3,784
1873...	4,170,388	3,873,750	444	17.0	1,213,052	2,682,631	3,541
1872...	3,930,508	3,650,932	444	18.2	1,115,691	2,470,590	10,016
1871...	2,974,351	2,756,564	443	20.5	1,146,730	1,824,937	6,374
1870...	4,352,317	4,024,527	442	17.0	1,026,583	2,922,757	1,802
1869...	[1] 3,011,996	2,409,597	440	24.0	796,616	1,987,708	3,026
1868...	2,366,467	2,198,141	444	29.0	860,481	1,300,449	1,870
1867...	2,519,554	2,345,610	445	24.9	844,044	1,502,756	345
1866...	2,097,254	1,948,077	444	31.6	715,258	1,401,697	[2] 1,035
1865...	2,269,316	2,093,658	441	43.2	614,540	1,301,146	10,322
1864...	300,000	299,372	477	83.4	344,278	17,789	68,798
1863...	450,000	449,059	477	101.5	219,540	23,988	52,405
1862...	1,600,000	1,596,653	477	67.2	287,397	22,770	67,695
1861...	4,500,000	4,490,586	477	31.3	369,226	10,129	61,731
1860...	3,849,469	3,841,416	477	13.0	841,975	615,032	.....
1859...	[1] 5,387,052	4,309,642	461	11.0	845,410	3,535,373	.....
1858...	4,018,914	3,758,273	447	12.1	867,489	2,772,937	.....
1857...	3,257,339	3,012,016	442	12.2	550,708	2,237,248	.....
1856...	3,093,737	2,873,680	444	13.5	761,614	2,096,565	1,678
1855...	3,665,557	3,220,782	420	10.3	731,484	2,702,863	2,295
1854...	2,982,634	2,708,082	434	10.4	641,391	2,016,849	4,425
1853...	3,074,979	2,766,194	430	11.0	663,204	1,975,666	1,141

YEAR.	COTTON PRODUCTION. Running bales, counting round as half bales.	Equivalent 500-pound bales, gross weight.	Average net weight of bale (lbs.).	Average price per pound, upland cotton (cents).	Consumption of cotton and linters (equivalent 500-pound bales).	Exports of domestic cotton (equivalent 500-pound bales).	Net imports (equivalent 500-pound bales).
1852...	3,416,214	3,130,338	438	11.0	736,468	2,223,141	1,423
1851...	3,126,310	2,799,290	428	9.5	617,468	2,136,461	512
1850...	2,454,442	2,136,083	416	12.1	422,626	1,854,474	330
1849...	[1] 2,469,093	1,975,274	429	12.3	575,506	1,270,763	485
1848...	2,866,938	2,615,031	436	7.5	586,032	2,053,204	22
1847...	2,439,786	2,128,433	417	8.0	537,427	1,628,549	558
1846...	1,778,651	1,603,763	431	11.2	385,916	1,054,440	122
1845...	2,100,537	1,806,110	411	7.9	363,365	1,095,116	386
1844...	2,394,503	2,078,910	415	5.6	337,730	1,745,812	[2] 680
1843...	2,030,409	1,750,060	412	7.7	298,872	1,327,267	517
1842...	2,378,875	2,035,481	409	7.2	278,196	1,554,594	1,535
1841...	1,683,574	1,398,282	397	7.8	222,461	1,169,434	107
1840...	1,634,954	1,347,640	394	9.5	245,045	1,060,408	1,210
1839...	2,063,915	1,653,722	383	8.9	236,525	1,487,882	297
1838...	1,360,532	1,092,980	384	13.4	221,738	827,248	319
1837...	1,801,497	1,428,384	379	10.1	195,100	1,191,905	355
1836...	1,423,930	1,129,016	379	13.2	176,449	888,423	[2] 510
1835...	1,360,725	1,061,821	373	16.5	184,731	847,263	427
1834...	1,253,406	962,343	367	17.4	166,523	774,718	1,574
1833...	1,225,895	930,962	363	12.9	149,159	769,436	308
1832...	1,114,286	815,900	350	12.3	142,352	649,397	69
1831...	1,069,444	805,439	360	9.4	130,895	644,430	[2] 22
1830...	1,026,393	732,218	341	9.7	129,938	553,960	22
1829...	1,076,696	763,598	339	10.0	89,723	596,918	378
1828...	953,079	679,916	341	9.9	84,788	529,674	[2] 40
1827...	805,970	564,854	335	10.3	84,516	421,181	597
1826...	1,057,402	732,218	331	9.3	103,535	588,620	74
1825...	817,308	533,473	312	12.2	.....	409,071	79
1824...	751,748	449,791	286	18.6	.....	352,900	26
1823...	656,028	387,029	282	14.7	.....	286,739	932
1822...	704,698	439,331	298	11.4	.....	347,447	110
1821...	636,042	376,569	283	14.3	.....	289,350	[2] 196
1820...	575,540	334,728	278	14.3	100,000	249,787	427
1819...	632,576	349,372	264	17.0	.....	255,720	[2] 4,571
1818...	446,429	261,506	280	24.0	.....	175,994	[2] 4,454
1817...	465,950	271,967	279	34.0	.....	184,942	3,086
1816...	439,716	259,414	282	26.0	.....	171,299	2,048
1815...	369,004	209,205	271	29.0	.....	163,894	[2] 44
1814...	254,545	146,444	275	21.0	51,778	165,997	[2] 266
1813...	304,878	156,904	246	15.5	.....	35,458	101
1812...	304,878	156,904	246	12.5	.....	38,220	3,133
1811...	325,203	167,364	246	10.5	.....	67,775	897
1810...	286,195	177,824	297	15.5	35,565	124,116	431
1809...	328,000	171,548	250	16.0	33,473	186,523	[2] 560
1808...	334,821	156,904	224	16.0	.....	101,981	[2] 1,601
1807...	289,855	167,364	276	19.0	.....	21,261	6,297
1806...	285,714	167,364	280	21.5	.....	127,889	1,485
1805...	304,348	146,444	230	22.0	.....	71,315	961
1804...	261,044	135,983	249	23.0	23,013	76,780	456
1803...	222,222	125,523	270	20.0	.....	70,068	183
1802...	231,092	115,063	238	19.0	.....	75,424	[2] 1,153
1801...	210,526	100,418	228	19.0	.....	47,768	[2] 170
1800...	153,509	73,222	228	44.0	18,829	41,822	8,696
1799...	88,889	41,841	225	28.0	16,737	35,580	8,870
1798...	66,667	31,381	225	44.0	.....	19,065	7,532
1797...	48,889	23,013	225	30.0	.....	18,720	7,761
1796...	44,444	20,921	225	34.0	.....	7,577	7,336
1795...	35,556	16,736	225	36.5	.....	12,213	8,737
1794...	35,556	16,736	225	36.5	.....	9,414	8,592
1793...	22,222	10,460	225	33.0	.....	3,565	5,127
1792...	13,333	6,276	225	32.0	.....	1,097	5,503
1791...	8,889	4,184	225	29.0	.....	277	1,112
1790...	6,667	3,138	225	26.0	11,000	379	697

[1] Equivalent 400-pound bales.

[2] Excess of exports of foreign cotton over total imports.

THE WORLD'S PRODUCTION OF COTTON.

The world's growing demand for cotton has resulted in a material increase in the total production of this well-nigh indispensable fiber. Its cultivation on a commercial scale has been introduced into many widely scattered localities, some of which have only recently taken up its culture, and there are undoubtedly still other localities suited to its cultivation. However, a number of conditions are requisite to the successful production of cotton, the most important factor being a suitable climate. The cotton plant requires a long warm season in which to come to full maturity, as well as adequate moisture. In some localities where the rainfall is insufficient, recourse is had to irrigation. This method of supplying the necessary moisture is used extensively in the cotton-growing districts of Egypt, Russia, Mexico, Peru, Persia, and in some of the districts of India. In order to produce the crop economically it is necessary to have sufficient labor, trained in growing cotton, and, in addition, adequate ginning and transportation facilities. The state of Oklahoma, which formerly lacked all these factors, furnishes an example of their effect. In 1899 the combined production of cotton in Oklahoma and Indian Territories was 215,591 bales, while the crop of 1914 exceeded 1,250,000 bales. The establishment of better transportation facilities in Russian Turkestan has been an important factor in increasing the production in that country.

Many attempts have been made in recent years to extend the cultivation of cotton to new districts, but in most of them one or more of the requisites just mentioned have been lacking. While some of these efforts have demonstrated the possibility of growing very good grades of cotton in a number of new fields, they have not been sufficiently encouraging to warrant the hope of any considerable addition to the world's production of cotton from these sources within the next few years. It seems, therefore, that the demand for cotton must be met, for a time at least, by those countries in which the cultivation is already firmly established.

The European war seriously affected the cotton industry. It made difficult and expensive the transportation of cotton, disturbed the usual channels of trade, lessened the quantity consumed, and left a large surplus to be carried over at the end of the season 1914–15. The prices obtained by the growers were so low as to cause a reduction in the acreage devoted to this staple in all of the leading cotton-producing countries and to discourage its culture in those countries just entering this field of enterprise. The large consumption of cotton during the past season in the United States and several other countries materially reduced the surplus, thus advancing the price and resulting in a largely increased acreage planted in 1916.

The United States is the only country which has provided an adequate statistical service to ascertain the quantity of cotton produced each year. The Governments of India, Egypt, Russia, and several other countries compile and publish estimates of acreage and production from time to time during the season, and these when available are used in arriving at the world's production. For the greater number of countries, however, the information can be secured only by special correspondence, from consular reports, trade publications, and other miscellaneous sources. The statistics given in Table 37 have been compiled from information secured from these various sources. The table shows the production of commercial cotton, by countries, for the crops of 1911 to 1915. The figures for some countries as published in previous bulletins have been revised.

TABLE 37.—WORLD'S PRODUCTION OF COMMERCIAL COTTON, BY COUNTRIES: 1911 TO 1915.

[The statistics for the United States were collected by this bureau. Those for other countries have been compiled from a number of sources, among them being: The Cotton Gazette, Liverpool; Mitsui & Co., Osaka; Reinhart & Co., Alexandria; Commercial Intelligence Department of the Indian Government; Russian Central Cotton Committee; E. T. Craig, Mexico City, Pan American Union; and the United States Consular Reports.]

COUNTRY.	COTTON PRODUCTION (BALES OF 500 POUNDS NET).				
	1915	1914	1913	1912	1911
Total	18,650,000	24,836,000	22,198,000	20,976,000	21,269,000
United States	10,709,000	15,438,000	13,545,000	13,113,000	15,013,000
India [1]	2,695,000	3,807,000	3,692,000	3,328,000	2,270,000
Egypt	963,000	1,384,000	1,496,000	1,492,000	1,463,000
China	1,800,000	1,750,000	1,200,000	1,074,000	625,000
Russia	1,435,000	1,217,000	1,030,000	917,000	939,000
Brazil	250,000	440,000	420,000	315,000	275,000
Mexico	125,000	125,000	150,000	140,000	130,000
Peru	93,000	103,000	110,000	110,000	100,000
Persia	130,000	127,000	140,000	137,000	120,000
Turkey	100,000	120,000	130,000	115,000	124,000
All other countries	350,000	325,000	285,000	235,000	210,000

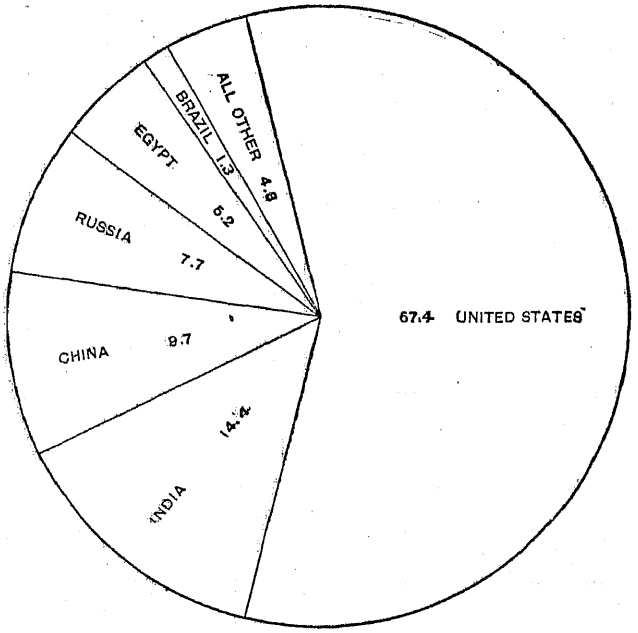
[1] The amounts for India do not include cotton used in home manufacture, although such cotton is included in the reports of cotton produced compiled by the Indian Government.

As the statistics of cotton production for foreign countries are generally expressed in net-weight bales those for the United States in this table have been reduced to that basis. The world's production of cotton in 1915, exclusive of linters, as measured by the factory supply—that is, the quantity destined to enter commercial channels—was 18,650,000 bales of 500 pounds net, as compared with 24,836,000 bales in 1914, 22,198,000 bales in 1913, 20,976,000 bales in 1912, and 21,269,000 bales in 1911. The table shows a geat variation in the production of cotton, the total in 1914 being 6,186,000 bales, or 33.2 per cent, greater than in 1915. The average production for mill consumption during the five years covered by the table

was 21,586,000 bales, or 2,936,000 bales greater than the production of 1915. In addition to the amounts shown in the table, considerable quantities of cotton are produced in some countries and consumed in the homes of the people without entering commercial channels. This is the case especially in China and to a less extent in other eastern countries; but the amount of such cotton can not be estimated with any degree of accuracy.

The relative importance of the several cotton-producing countries is graphically presented in the following diagram. Of the total production of commercial cotton in 1915 the United States contributed 57.4 per cent, India 14.4 per cent, Egypt 5.2 per cent, China 9.7 per cent, and Russia 7.7 per cent.

DIAGRAM 1.—PERCENTAGE OF THE WORLD'S MILL SUPPLY OF COTTON CONTRIBUTED BY EACH COUNTRY: 1915.



UNITED STATES.

The greatest cotton-growing section in the world, both in extent and in production, is located in the southern and southeastern parts of the United States. It includes small portions of Virginia, Kentucky, Missouri, Kansas, and New Mexico, and the states lying to the south. The cotton-producing area is about 1,500 miles in width. Within the past few years the cultivation of cotton has been undertaken in Arizona and California, on irrigated land, with considerable success, especially in the latter state. The growing of other valuable crops, however, will likely prevent any considerable increase in the production in these states.

Some idea of the importance of cotton production in the United States from an economic standpoint may be had when it is considered that the comparatively small crop of 1915 was, next to corn, wheat, and hay, the most valuable crop grown in the country. The value of the cotton crop of 1909 represented 15 per cent of the total value of all the crops of the country. Unmanufactured cotton was the largest single item of export during the fiscal year 1914, the last year unaffected by the war, its value amounting to $610,475,301, or 26.2 per cent of the total value of all articles of domestic merchandise exported during the year. While cotton lost its high rank among the articles exported, still the large quantity, combined with the 6,398,000 bales consumed in domestic manufacture, strikingly indicate the importance of this staple in the economic affairs of the Nation.

It is, therefore, to be expected that the Federal and state governments would give much attention to this crop. The investigations and experiments have covered every phase of the subject and have aided greatly not only in increasing the production of cotton but in propagating varieties suited to the varying conditions of soil, moisture, insect life, etc., found throughout the cotton belt.

INDIA.

Cotton has been used from time immemorial in India in making cloth for garments. Until in comparatively recent years the fiber was used almost entirely for home consumption, and therefore information as to the quantity produced is not available. The crop of 1790, however, has been estimated at 260,000 equivalent 500-pound bales; that of 1859, at 1,316,800 bales; that of 1865, at 2,090,400 bales; that of 1914, at 4,167,200; and that of 1915 at 3,055,000 bales. Table 38 presents statistics of cotton acreage, production, and yield per acre for India since 1897.

TABLE 38.—COTTON ACREAGE, PRODUCTION, AND YIELD PER ACRE IN INDIA: 1897 TO 1915.

YEAR.	Acreage planted in cotton.	COTTON PRODUCTION.	
		Total (500-pound bales).	Average per acre (lbs.).
1915	17,967,000	3,055,000	85
1914	24,595,000	4,167,200	85
1913	25,020,000	4,052,000	81
1912	22,028,000	3,688,000	84
1911	21,615,000	2,630,400	59
1910	22,596,000	3,082,400	68
1909	20,545,000	3,774,400	92
1908	19,999,000	2,052,800	73
1907	21,630,000	2,497,600	58
1906	22,488,000	3,926,400	88
1905	20,401,000	3,389,600	83
1904	19,918,000	3,060,800	77
1903	18,025,000	2,803,714	79
1902	16,581,046	3,009,439	90
1901	14,506,295	2,648,586	91
1900	14,231,150	2,162,918	76
1899	11,584,576	1,674,817	70
1898	14,602,892	2,512,104	86
1897	13,683,487	2,122,968	78

According to the Final General Memorandum on the cotton crop of 1915–16, issued by the Indian Government, the total out-turn is estimated at 3,055,000 bales of 500 pounds each. As a rule, the Government estimates are too low when considered in connection with the figures of cotton exported and of cotton con-

sumed. While the estimates in some years closely approximate the movement, in other years they are very much below it.

There were 17,967,000 acres planted in cotton in India in 1915, a decrease of 6,628,000 acres compared with 1914. The crop of 1915 amounted to 3,055,000 bales, being 1,112,200 bales less than that of 1914, the record crop for the country. The average yield per acre in 1914 and 1915 was 85 pounds, an amount woefully small when compared with the average production in other countries. This seems all the more strange when consideration is given to the fact that the population of the country as a whole is very dense and that the value of the land for the raising of foodstuffs must be correspondingly great. The average production per acre for the different provinces varies greatly, ranging in 1915 from 56 pounds in Hyderabad and 65 pounds in Madras, to 121 pounds in Sind and to 126 pounds in the United Provinces. Rainfall is depended on very largely for the supply of moisture in growing the cotton crop. The dry seasons in some of the provinces are sometimes extended into periods of drought, which accounts very largely for the low averages in those provinces. In Sind and in some other sections irrigation is resorted to, to some extent, and where this condition is found the average yield per acre is relatively high. Table 39 gives the statistics for the acreage in cotton and the production by provinces, for the crops of 1911 to 1915, inclusive.

The native Indian cotton has a short, coarse fiber, and can not be utilized in the manufacture of the finer counts of yarn. The demand for a better staple for use in some of the Indian mills, as well as for export, has resulted in the Indian Government giving the subject of improving the cotton serious consideration. The principal difficulties to be surmounted are the low yield per acre of these higher grade cottons, the fact that the grower realizes but little more for the better than for the poorer grades, and the mixing of the seed at the ginneries. The Government of India, together with the provincial and local governments, has established seed farms for the purpose of furnishing pure seed to the growers. This plan will ultimately result in materially improving the staple of Indian cotton, and will permit this cotton to enter European markets in competition with American cotton to a much greater extent than heretofore.

Climatic and soil conditions in the several cotton-growing districts in India vary perhaps more than in any other cotton-producing country. In some parts the rainfall is abundant, while in others irrigation is employed to some extent, and in still others is depended upon entirely for moisture. The seasons also vary greatly; for example, in October the cotton crop is being harvested in the north of India, while in the south planting is in progress. As a result cotton is being picked somewhere in the country almost throughout the year.

TABLE 39.—COTTON ACREAGE AND PRODUCTION IN INDIA, BY PROVINCES: 1911 TO 1915.

PROVINCE. (Includes native states within provincial boundaries.)	Year.	Acreage planted in cotton.	Cotton production (500-pound bales).
Total	1915	17,967,000	3,055,000
	1914	24,595,000	4,167,200
	1913	25,020,000	4,052,000
	1912	22,028,000	3,688,000
	1911	21,615,000	2,630,400
Bombay	1915	4,249,000	714,000
	1914	6,953,000	1,235,200
	1913	6,574,000	1,151,200
	1912	6,064,000	1,059,200
	1911	5,121,000	479,200
Central Provinces and Berar	1915	4,061,000	885,000
	1914	4,708,000	877,600
	1913	4,754,000	768,800
	1912	4,493,000	728,000
	1911	4,648,000	730,400
Hyderabad	1915	3,220,000	360,000
	1914	3,605,000	320,000
	1913	3,653,000	320,000
	1912	2,888,000	240,000
	1911	3,234,000	240,000
Madras	1915	2,188,000	286,000
	1914	2,115,000	196,000
	1913	2,725,000	246,400
	1912	2,414,000	376,800
	1911	2,878,000	268,000
Punjab	1915	918,000	156,000
	1914	1,857,000	383,800
	1913	2,053,000	489,600
	1912	1,575,000	298,400
	1911	1,582,000	192,800
United Provinces	1915	834,000	210,000
	1914	1,551,000	388,800
	1913	1,586,000	387,200
	1912	1,158,000	342,400
	1911	921,000	200,800
Central India	1915	999,000	172,000
	1914	1,519,000	234,400
	1913	1,426,000	218,400
	1912	1,314,000	164,800
	1911	1,400,000	182,400
Baroda	1915	566,000	94,000
	1914	843,000	133,200
	1913	749,000	140,000
	1912	762,000	156,800
	1911	665,000	76,800
Rajputana	1915	244,000	53,000
	1914	421,000	132,800
	1913	470,000	105,600
	1912	393,000	100,000
	1911	263,000	58,400
Sind	1915	169,000	41,000
	1914	336,000	92,800
	1913	341,000	108,000
	1912	296,000	98,400
	1911	346,000	99,200
All other provinces	1915	519,000	84,000
	1914	687,000	117,600
	1913	689,000	116,800
	1912	671,000	123,200
	1911	557,000	102,400

The following statement concerning the cotton situation in India appeared in "The Textile Mercury" of Manchester, England, and was reprinted in the July 29, 1916, issue of the "Economic World":

The area under cotton is immense, 25,000,000 acres in 1914, or two-thirds of the whole American area, yet the crop is barely one-third of the American. This very low average yield, only about 80 pounds of lint per acre, is the first point at which improvement could be effected by better methods of cultivation and better seed selection.

It is unnecessary to remind Lancashire that the quality of the bulk of the India crop is very inferior both in staple and condition, but it is not so well known here that this inferiority could be easily removed. That India can grow good cotton of about 1 inch staple and equal to ordinary American in quality is now amply proved by the success of such varieties in practically every Province, but especially in the Punjab, in Sind, in southern Bombay, and in Madras.

Already the amount of such improved cottons in India is somewhere between 300,000 and 500,000 bales per annum, and it could very easily be increased by methods similar to those advocated for the increase of the average yield. And if the average yield and quality, and therefore the money value per acre, of the cotton crop were improved, the area under cotton would almost necessarily be greatly increased, because at present cotton in India has to face the competition of other crops which pay better than the inferior cotton crop, but which would easily be left behind by the value per acre of the improved crop.

Further, the possible cotton acreage is being increased by the opening up of new cotton areas under irrigation—in the Punjab, for example, where the new triple-canal system will add at least 500,000 acres of good cotton land to the already considerable area in that Province. It is no exaggeration, therefore, to say that the Indian cotton crop could be very largely increased and improved in quality, and, what is more, the increase and improvement could be almost immediate. India could produce 1,000,000 bales more every year progressively, which is what the world wants just now, and there is no other area in the world where it can be obtained so quickly.

What is most wanted is just an all-round and synchronized movement toward better methods, and this would pay all parties concerned handsomely. It would pay Lancashire, too, indirectly if not directly, for we must face the fact that we are likely to be short of cotton, and every bale of decent cotton produced anywhere in the world always helps to reduce the pressure of demand on the existing supply.

EGYPT.

The climate and soil of Egypt are unusually well adapted to the production of high-grade varieties of cotton, and the supply of moisture, coming as it does from a usually dependable system of irrigation, can be regulated to the best advantage. The season for gathering, too, is practically ideal, not being marked by storms or rains, and but little unavoidable damage to the matured crop occurs. The length, strength, and color of Egyptian cottons are characteristics of great value, while the uniformity of the fiber, due to the equality of growth, renders them, in manufacturing processes, subject to less waste than are many other kinds. Table 40 shows the cotton acreage, production, and average yield per acre in Egypt since 1895.

TABLE 40.—COTTON ACREAGE, PRODUCTION, AND YIELD PER ACRE IN EGYPT: 1895 TO 1915.

[Compiled from reports of the Egyptian Survey Department.]

YEAR.	Acreage.	PRODUCTION.	
		Total (500-pound bales).	Average per acre (lbs.).
1915	1,231,000	963,000	391
1914	1,822,000	1,384,000	380
1913	1,789,000	1,496,000	418
1912	1,787,000	1,492,000	417
1911	1,776,000	1,463,000	412
1910	1,664,000	1,506,000	453
1909	1,619,000	1,000,000	309
1908	1,703,000	1,337,000	393
1907	1,664,000	1,433,000	431
1906	1,564,000	1,377,000	440
1905	1,626,000	1,181,000	363
1904	1,491,000	1,251,000	420
1903	1,383,000	1,280,000	466
1902	1,324,000	1,157,000	437
1901	1,297,000	1,262,000	487
1900	1,277,000	1,077,000	422
1899	1,197,000	1,200,000	539
1898	1,184,000	1,107,000	476
1897	1,172,000	1,296,000	553
1896	1,091,000	1,165,000	534
1895	1,015,000	1,041,000	513

According to the reports of the Egyptian Government, the acreage devoted to cotton in 1915 was 1,231,000, a decrease of 591,000 acres as compared with 1914. The crop of 1915 is estimated at 963,000 bales of 500 pounds each, this being the smallest crop for any year covered by the table.

The following excerpts from the report on "The Production and Marketing of Egyptian Cotton," by Messrs. J. S. Williams and Clarence Ousley, published as Senate Document 113, Sixty-third Congress, first session, are inserted as an interesting reference concerning the production of cotton in Egypt.

Egyptian-cotton cultivation offers no instruction whatever for America in skill, science, or other element of economy or efficiency, though irrigation there, as elsewhere, demonstrates the more stable and dependable output of the soil with a regular water supply as compared with production dependent upon uncertain and variable rainfall. The rich delta lands of the Nile, it is true, yield more than the average of American land, acre for acre, and the Egyptian cotton, of course, is superior in quality to the short staple which constitutes the greater part of our crop, though our long-staple or sea-island cotton is superior to the Egyptian. At the same time our progressive farmers who fertilize and cultivate intelligently produce about as much short staple per acre as the Egyptians produce, though our long staple is not so prolific as the Egyptian.

Nor can it be said that the Egyptian producers market their crop to better advantage or even to equal advantage, inasmuch as they sell their cotton in the seed and have no accurate idea of the commercial value of the seed or other by-products. On the other hand, they suffer no loss from "country damage," because there is little or no rain during the picking and ginning season, and the cotton is well out of the hands of the producers before the period of light winter rains, which usually fall in January and February. Nor is there excessive waste or toll in sampling. The methods of baling, sampling, and marketing the lint—all effected after it leaves the farmer's hands—may be studied with profit both by way of teaching us to save waste and by way of exhibiting the excessive charges of middlemen.

Egypt's comparatively low cost of production, notwithstanding her antiquated methods of cultivation, her heavy expense of conversion from seed cotton to spinnable lint, is a matter of serious concern to America, for Egypt is able under present conditions to produce her superior quality of cotton, worth now 18 to 20 cents a pound, at about 12¾ cents a pound, compared with American cost of 10 to 12 cents a pound, worth now 11 to 12½ cents. We attach a detailed calculation, made to the American consul at Alexandria on May 16 by one of the foremost producers of the country, and confirmed by us in all substantial elements.

Estimated cost of producing 4 cantars or 400 pounds of cotton in Egypt.

3 plowings and ridgings	$5.00
Labor:	
Sowing seed and hoeing ridges	0.75
Watering (if by gravity)	0.75
Watering (if lift, cost of turning Dutch wheel)	1.50
Cost of seed, 55½ pounds	1.25
Hoeing, three times	3.50
Picking	3.40
Worm picking (varies)	1.00
Manure, 440 pounds superphosphate	3.20
Pulling stalks and leveling ridges	0.50
Total	20.85
Add rent	30.00
Grand total	50.85

It must be understood that the labor herein reckoned is paid at the rate of 15 to 20 cents a day for adults and 5 to 10 cents for chil-

dren, and the calculation applies to all who are engaged in the work of actually tilling the soil, whether as owners, tenants, or hired workers. Paying the same labor at the cheapest rates paid to unskilled American farm laborers would more than double the expenditure, and the cost of producing Egyptian cotton would far exceed the current market price of the commodity. On the other hand, if modern methods of production were used, the present cost could be reduced 25 to 50 per cent. As the case stands, the average tenant or small owner with three or four children cultivates about 8 acres of land, of which he plants one-third to one-half in cotton, under more or less intelligent rotation, and the remainder in feed and forage crops. The average yield for Egypt during the last few years may be reckoned at 450 pounds to the acre, so we may say in round figures that the cotton output of the average peasant family—all of whom work at cultivating or at tending the animals or otherwise—is about 1,500 pounds, which, at 5 cents a pound profit, will make only $75 a year for accumulation or for creature comforts, with which the native Egyptian family now has no acquaintance whatever.

All Egyptian cotton is sold in the seed, and substantially all of it leaves the hands of the farmers by the close of the calendar year. The cotton is all bought directly or indirectly by the cotton merchants of Alexandria, who are organized into a compact association.

The gins are located in the villages, not on the farms, and are owned in large part by the cotton merchants of Alexandria. The seed cotton is transported to them by rail, by camels, or by canal boats in sacks furnished by the buyers and used for the baling at the gin and again for the baling at the compresses, or "steam presses," as they are called. The gin presses, or "hydraulic presses," as they are called, pack the cotton into large, clumsy bales of 750 to 850 pounds, which are transported by rail to the compresses, which are likewise owned in greater part by the same cotton merchants of Alexandria. Here the cotton is unwrapped, thrown loose upon the floor, agitated by hand to loosen lumps and expel dirt, sampled, repacked, and wrapped into the Egyptian bale of commerce, which weighs about 750 pounds. One sample is taken for about every 10 bales or for each lot of cotton of uniform variety. At both the gin and the compress effort is made to separate cottons of varying quality and to assemble cottons of the same quality, so that the bales will be of uniform grade. The charge for compressing or steam pressing is $1.25 for each bale of 750 pounds.

RUSSIA.

The production of cotton in the Russian Empire is confined almost exclusively to its Asiatic provinces in Turkestan and Transcaucasia. Some experiments have been made in the growing of cotton in the European provinces of Russia which border on the Black Sea, but the total amount produced there is very small. The following table, compiled from the report of Consul General Snodgrass under date of April 10, 1916, gives the estimated production of cotton from the crop of 1915 in Russia, by provinces, with comparative figures for the crop of 1914.

TABLE 41.—COTTON PRODUCTION IN RUSSIA, BY PROVINCES: 1914 AND 1915.

DISTRICT.	500-POUND BALES.	
	1915	1914
Total	1,435,164	1,217,254
Turkestan:		
Ferghana	687,444	585,178
Syr-Daria	133,801	91,631
Samarkand	97,215	86,590
Sakaspisky	95,216	75,313
Khiva	99,110	95,025
Bokhara	214,037	175,179
Transcaucasia	108,338	108,338

The estimated production of cotton from the crop of 1915 is 1,435,000 bales of 500 pounds each, compared with 1,217,254 bales from the crop of 1914 and 1,030,147 bales from the crop of 1913. Of the total for 1915, Turkestan contributed 1,326,826 bales and Transcaucasia 108,338. Ferghana produced nearly one-half the total for the country, Bokhara and Syr-Daria ranking next in importance.

It may be that the above estimate for 1915 is too low. Commercial Attaché Henry D. Baker, at Petrograd, under date of June 12, stated that the Russo-Asiatic crop (including the crop of the Caucasus but excluding that of Persia) harvested last September and October amounted to 1,516,700 equivalent 500-pound bales. It is probable that this amount includes cotton grown in Afghanistan and Kashgar, but the report is not specific on that point.

The soil and climate of Turkestan are well adapted to the cultivation of cotton. The summers are hot and long and the winters mild. As there is scarcely any rainfall during the growing season, irrigation is necessary. Any extension of the cotton-growing area depends almost entirely upon the construction and extension of irrigation works.

According to Mr. Baker's report there is a greatly increased production of cotton in the districts north of the Oxus River. Large areas of new country are being opened up by irrigation, and the rapid extension of the Bokhara Railway system has brought great additional tracts of cotton-producing country into easy communication with the Russian market. Leading authorities in the cotton trade in Russia estimate that within about 10 years Russia will not need to import any American cotton at all. American seed is being rapidly substituted for native seed, and improved American machinery for ginning, etc., has been extensively introduced.

CHINA.

Cotton is produced extensively in many sections of China, but no accurate data as to the total amount are available. A considerable amount is consumed locally in the homes of the people, the quantity thus consumed being largely a matter of conjecture. The Ministry of Agriculture of the Republic of China has estimated the annual production of cotton in that country for the crops of 1909, 1910, and 1911 at 4,181,333 bales of 500 pounds each, while the crop of 1912 has been estimated by another authority at 5,333,000 bales. As indicated above, however, these estimates are largely conjectural. It is certain that there has been a tendency, at least in some sections, to increase the production, as the suppression of the trade in opium has made lands formerly devoted to the cultivation of the poppy available for other crops. Another influence tending to increase the production has been the high price of the staple in recent years, and the consequent demand from other countries for this product.

Reliable data as to the quantities of Chinese cotton exported and used in the Chinese spinning mills are available. In addition, large quantities of cotton are consumed in factories engaged in making wadding for clothes and other miscellaneous products, accurate information of the amount so used, however, not being available. An estimate from a reliable source places the quantity of Chinese cotton from the crop of 1915 which will enter commercial channels at 1,800,000 bales of 500 pounds each.

BRAZIL.

The climate and soil of large areas in Brazil are well suited to the cultivation of cotton. The plant is indigenous to the country, and the aborigines were using the lint of the wild cotton tree for various purposes when the Europeans first visited the country. Nevertheless, the cultivation of the plant received comparatively little attention until the shortage in the supply from the United States during and following the Civil War greatly increased the price of the staple. In 1860 the exports of Brazilian cotton amounted to about 50,000 bales of 500 pounds each, and this figure practically measures that country's commercial production of cotton at that time, as the domestic mill consumption was a negligible quantity. By 1872 the exports had increased to the equivalent of 346,231 such bales, which remains the largest amount ever exported in a single year. A general decrease in the cultivation and exportation of cotton followed, and at the end of 1908 the exports had reached the low mark of 14,256 bales. This figure, however, is not indicative of the production of the country for that year, as the spinning and weaving of cotton in Brazil has developed to such an extent in the past 20 years that it is now the most important manufacturing industry in the country. The mills depend almost entirely upon the home production for their raw material and consume by far the larger portion of the total quantity grown.

In 1912 the exports of Brazilian cotton amounted to 73,960 bales, and in 1913, to 165,008 bales. While exact information as to the production in 1915 is not available, it has been estimated at 250,000 bales. The following statement, taken from the July 29, 1916, issue of "Cotton," indicates that the 1915 crop was a very poor one as regards the yield:

> In 1915, owing to the prevalence of a severe drought, supplies of home-grown cotton on which Brazilian cotton manufacturers have hitherto been accustomed to depend, were so much diminished that the Government was petitioned to reduce the duties on foreign-grown cotton. This request was ultimately granted; otherwise the cotton factories would have been closed.
>
> It is, however, not merely due to the exceptional consequences of a bad harvest that the Brazilian Government are prompted to devote their present attention to the question of utilizing to better account the valuable resources the country undoubtedly possesses for cultivating cotton on a large scale; scarcity of shipping and high freights, which have been among the chief results of the European war, have acted more powerfully than any other incentive in the past to determine the authorities to take measures to promote the vast national wealth of the country.

MEXICO.

Accurate statistics as to the production of cotton in Mexico from the crop of 1915 are not available. It is generally believed that the normal crop is about 200,000 bales. The unsettled condition of the country during recent years, however, has undoubtedly greatly affected this culture, and the production for last year is placed at only 125,000 bales.

Cotton is cultivated in many parts of Mexico, but the greater portion is grown in the Laguna district, which includes portions of the states of Coahuila, Durango, and Chihuahua, where the production depends almost entirely upon irrigation. The staple produced in Mexico is strong and averages more than an inch in length.

When the factories are operating under normal conditions they consume practically the entire production and draw also upon the United States for a part of their requirements.

PERU.

The production of cotton in Peru, while comparatively insignificant in quantity, has shown a rapid increase. In 1902 the crop amounted to 36,500 bales of 500 pounds each, and in 1909 to 107,316 bales.[1] Of this amount 95,411 bales were exported and 11,905 bales consumed in Peruvian mills, principally in the manufacture of the coarser cloths. According to a report of Consul General Handley, the crop of 1913 was 110,000 bales and that of 1914, 103,000 bales, while the crop of 1915 was estimated at 93,000 bales.

The principal cotton-producing districts of Peru are located near the coast and are irrigated by waters from the Andes, brought in canals from the many rivers. Rains are almost unknown in these districts, although considerable moisture is supplied in the form of dews, which are unusually heavy. The soil is rich, and the average yield is not far from a bale to the acre.

OTHER COUNTRIES.

Cotton for mill consumption is also grown in a number of other countries and consideration must be given these in presenting a summary of the world's production. The conditions of soil and climate in some of these countries are so suited to cotton production that the handicaps of insufficient experienced labor and of inadequate transportation facilities will be overcome, and thus will be added to the world's supply of cotton the production of large areas as yet undeveloped. However, because of local conditions, many of them must ever remain of small importance from the standpoint of the quantity of cotton produced.

[1] Cotton Goods in Latin America, by W. A. Graham Clark, special agent of the Department of Commerce.

WORLD'S CONSUMPTION OF COTTON.

The manufacture of cotton goods has had a rapid growth in recent years. In 1900 the world's consumption of cotton was about 15,000,000 bales, whereas for the year just ended the total was in excess of 21,000,000 bales. Formerly the manufacture of cotton was confined largely to England and to a few localities in other countries, but the industry has spread to such an extent that at the present time there are very few countries without some cotton factories. The spinning of cotton by power-driven machinery is now carried on extensively in the several European countries, in India, Japan, Brazil, Canada, and China, and to a less extent in Mexico, Turkey, Indo-China, Egypt, and a number of countries in South and Central America.

As previously stated, few countries have provided adequate systems of determining the production and consumption of cotton, notwithstanding the interest attaching to this staple. The data, therefore, must be secured from trade publications and other miscellaneous sources and by correspondence. The compilation of satisfactory statistics has been made well-nigh impossible because of the war in Europe, where all of the largest cotton-manufacturing countries are belligerents. In 1913 these countries contained about 65 per cent of the world's cotton spindles and consumed about 50 per cent of all the cotton used.

During the past season a considerable increase in the number of spindles has been made in the United States; there were also some additions in the United Kingdom, India, Japan, China, and several of the less important of the cotton-spinning countries. No satisfactory information as to the number of cotton spindles active during the past season in some of the important countries is available, and Table 42 has, therefore, been reproduced from a former census report. This table shows, by countries, the number of active cotton spindles for the years 1900 and 1914. It was compiled from a number of sources, and, while absolute accuracy is not claimed for all the figures, it is believed they closely approach the facts.

The information available as to the consumption of cotton during the season of 1915–16 for a number of countries is very unsatisfactory. In order, however, to afford some idea as to the quantity used, Table 43 has been prepared from such sources as were available. The figures for the United States were collected and compiled by this bureau. The amounts for the United Kingdom, India, and Canada are as shown by the New York Commercial and Financial Chronicle in its annual review of the cotton movement. The amount for the Continent was obtained by combining the following items: The takings of American cotton by the spinners on the Continent, which, as shown in the Weekly Circular of the Liverpool Cotton Association, were 2,987,000 bales; the production of cotton in the several European countries and in Asiatic Russia; the exports from Alexandria, Egypt, and from India to the Continent; the estimated imports from countries other than the United States, Egypt, and India, including those into Austria-Hungary and Germany from Turkey and into Russia from Persia, Afghanistan, and Kashgar; and an estimated amount for reduction in stocks. The amount for all other countries is an estimate based on information contained in various publications and consular reports.

TABLE 42.—WORLD'S ACTIVE COTTON SPINDLES: 1900 AND 1914.

[The statistics for the United States were collected by the Bureau of the Census. Those for other countries have been compiled from a number of sources. Among them are Ellison's Annual Review of the Cotton Trade, Liverpool; the Commercial and Financial Chronicle, New York; Cotton Facts, New York; reports of the International Federation of Master Cotton Spinners' and Manufacturers' Associations, Manchester; and statistics furnished by Mitsui & Co., Osaka; Bombay Cotton Trade Association, Bombay; and E. T. Craig, Mexico City.]

COUNTRY.	ACTIVE COTTON SPINDLES.	
	1914	1900
Total	146,397,000	105,681,000
United States	32,107,000	19,472,000
Cotton-growing states	12,711,000	4,368,000
All other states	19,396,000	15,104,000
Europe:		
United Kingdom	56,300,000	45,500,000
Germany	11,550,000	8,000,000
Russia	9,160,000	7,500,000
France	7,410,000	5,500,000
Austria-Hungary	4,970,000	3,300,000
Italy	4,620,000	1,940,000
Spain	2,210,000	2,615,000
Belgium	1,530,000	920,000
Switzerland	1,380,000	1,550,000
Sweden	560,000	360,000
Portugal	480,000	230,000
Netherlands	500,000	300,000
Denmark	90,000	40,000
Norway	65,000	35,000
Other European countries	200,000	130,000
India	6,500,000	4,945,000
Japan	2,750,000	1,274,000
China	1,000,000	550,000
Brazil	1,250,000	450,000
Canada	965,000	550,000
All other countries	800,000	520,000

TABLE 43.—WORLD'S CONSUMPTION OF COTTON: SEASON OF 1915–16.

COUNTRY.	Mill consumption of cotton (bales of 500 pounds net weight).
Total	21,011,000
United States	6,193,000
Cotton-growing states	3,414,000
All other states	2,779,000
Europe:	
United Kingdom	4,000,000
Continent	6,400,000
India	1,660,000
Japan	1,650,000
Canada	208,000
All other countries	900,000

COTTONSEED PRODUCTS.

SCOPE OF THE INDUSTRY.

The statistics given under the designation "Cottonseed products" cover the operations of the establishments engaged primarily, (1) in the delinting of cotton seed, the expressing of the oil, and the grinding of the resulting cake into meal, and (2) the refining of the crude oil. They do not cover the operations of establishments engaged in the refining of oil in connection with the manufacture of lard substitutes, oleomargarine, soap, etc., nor of establishments whose principal business is the manufacture of fertilizers but which also crush cotton seed. New uses for the products of cotton seed, which was formerly considered a waste, are constantly being found, and the scope of the industry is accordingly being enlarged.

CHARACTER OF ESTABLISHMENT.

Formerly the mills covered by this classification were engaged almost exclusively in expressing the crude oil. With the development of the industry and the utilization of cottonseed meal in the manufacture of fertilizers, however, a number of establishments have taken up the refining of the crude oil or the mixing of fertilizers. Accordingly, during the season of 1913–14 the mills classified under "Cottonseed products" included 662 engaged in crushing only, 20 in refining only, 15 in both crushing and refining, 180 in crushing and mixing fertilizers, and 5 in the manufacture of hull fiber and the grinding and pressing of cake for export. A very few were also engaged in the mixing of cattle feed.

LOCATION OF MILLS.

By reason of climatic conditions the production of cotton is confined to about one-sixth of the United States. The seed, which forms the material of the crude mills, is bulky and the transportation charges are so high as to make its shipment for long distances unprofitable except in unusual circumstances. As a result, practically all of the cottonseed-oil mills are located within the cotton belt, usually in the localities in which the seed is produced. Although there are a few mills located outside the cotton belt, the number is small and shows no tendency to increase.

PERIOD COVERED.

Generally speaking, the last manufactures census related to the calendar year 1914; but in view of the fact that the cottonseed-products industry is a seasonal one, it was decided to have the statistics cover the season of 1913–14, thus permitting the concerns interested to make their reports for the business year and, at the same time, relate to a uniform season. Such statistics are obviously of greater value than if some of the reports related to one season, others to another season, and still others to parts of two seasons.

SUMMARY IN COMPARISON WITH EARLIER CENSUSES.

The statistics of the establishments engaged in the cottonseed-products industry in the United States are summarized in Table 44 for each census from 1889 to 1914, inclusive.

TABLE 44.—COMPARATIVE SUMMARY AND PERCENTAGES OF INCREASE FOR THE COTTONSEED-PRODUCTS INDUSTRY IN THE UNITED STATES: 1889 TO 1914.

	NUMBER OR AMOUNT.					PER CENT OF INCREASE.[1]			
	1914	1909	1904	1899	1889	1909–1914	1904–1909	1899–1904	1889–1899
Number of establishments	882	817	715	369	119	8.0	14.3	93.8	210.1
Persons engaged in the industry	27,047	21,273	18,831	12,658	(2)	27.1	13.0	48.8	(2)
Proprietors and firm members	180	110	63	82	(2)	63.6	74.6	—23.2	(2)
Salaried employees	5,057	4,092	3,229	1,569	395	23.6	26.7	105.8	297.2
Wage earners (average number)	21,810	17,071	15,539	11,007	5,906	27.8	9.9	41.2	86.4
Primary horsepower	249,781	192,342	150,246	74,008	25,756	29.9	26.0	103.0	187.3
Capital	$118,073,075	$91,086,411	$73,770,417	$34,451,461	$12,808,996	29.6	23.5	114.1	169.0
Salaries and wages	14,409,448	10,130,119	7,899,851	4,722,711	1,907,827	42.2	28.2	67.3	147.5
Salaries	5,919,756	4,294,870	3,062,157	1,579,252	414,047	37.8	40.3	93.9	281.4
Wages	8,489,692	5,835,249	4,837,694	3,143,459	1,493,780	45.5	20.6	53.9	110.4
Contract work	32,504	42,600	71,371	22,947	(2)	—23.7	—40.3	211.0	(2)
Rent and taxes	1,095,741	776,559	539,914	275,901	(2)	41.1	43.8	95.7	(2)
Materials	180,976,413	119,833,475	80,029,863	45,165,823	14,363,126	51.0	49.7	77.2	214.5
Value of products	212,127,024	147,867,894	96,407,621	58,726,632	19,335,947	43.5	53.4	64.2	203.7
Value added by manufacture (value of products less cost of materials)	31,150,611	28,034,419	16,377,758	13,560,809	4,972,821	11.1	71.2	20.8	172.7

[1] A minus sign (—) denotes decrease.

[2] Comparable figures not available.

In 1914 there were 882 establishments engaged primarily in the manufacture of cottonseed products. This is an increase of 65 establishments as compared with 1909, and of 167 establishments as compared with 1904, while the number has more than doubled since 1899. The number of persons engaged in the industry shows an increase of 27.1 per cent from 1909 to 1914; capital increased 29.6 per cent; salaries and wages, 42.2 per cent; materials, 51 per cent; and value of products, 43.5 per cent. The increases in the cost of materials and in the value of products are out of proportion to the increases in the number

of persons engaged in the industry and in salaries and wages, but this fact is explained by the general increases in the average cost of seed and in the values of the several crude products manufactured. While these factors are not as pronounced as they would be for the season of 1915–16, still they are noticeable and show the tendency in the industry. When it is considered that cotton seed was deemed practically worthless only 25 years ago, the value of products for 1914, $212,127,024, is surprisingly large.

GENERAL STATISTICS, BY STATES.

The principal data secured by the census inquiry concerning the cottonseed-products industry are presented, by states, in Table 45, which shows, for the last five censuses, the number of establishments, average number of wage earners, primary horsepower, capital, wages, cost of materials, value of products, and value added by manufacture.

TABLE 45.—COMPARATIVE SUMMARY FOR COTTONSEED PRODUCTS, BY STATES: 1889 TO 1914.

	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Capital.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
					Expressed in thousands.				
United States	1914	882	21,810	249,781	$118,073	$8,490	$180,976	$212,127	$31,151
	1909	817	17,071	192,342	91,086	5,835	119,833	147,868	28,035
	1904	715	15,539	150,246	73,771	4,838	80,030	96,408	16,378
	1899	369	11,007	74,008	34,451	3,143	45,166	58,727	13,561
	1889	119	5,906	.....	12,809	1,494	14,363	19,336	4,973
Alabama	1914	84	2,028	21,671	8,336	697	12,340	14,982	2,642
	1909	71	1,618	17,215	7,202	437	7,075	9,178	2,103
	1904	58	1,400	12,883	5,169	381	4,554	5,769	1,215
	1899	28	759	5,714	1,610	197	2,104	2,986	882
	1889	9	490	.....	592	86	945	1,204	259
Arkansas	1914	43	1,165	13,001	5,836	511	7,600	9,249	1,649
	1909	44	1,086	13,029	5,239	441	6,005	7,789	1,784
	1904	42	922	9,988	4,105	329	4,200	4,940	740
	1899	20	667	5,170	2,485	233	1,996	3,189	1,193
	1889	8	511	.....	1,489	159	1,319	1,882	563
Georgia	1914	153	4,212	43,143	18,819	1,376	27,236	32,715	5,479
	1909	142	2,888	29,510	12,720	847	19,440	23,641	4,201
	1904	112	2,307	20,850	11,528	608	11,262	13,540	2,278
	1899	43	1,591	9,863	4,098	354	6,229	8,064	1,835
	1889	17	751	.....	992	146	1,289	1,670	381
Louisiana	1914	37	1,127	11,097	7,217	487	16,165	18,106	1,941
	1909	43	894	12,142	7,164	318	11,568	13,085	1,517
	1904	51	1,605	12,698	8,687	561	11,477	13,187	1,710
	1899	24	1,317	4,821	4,622	347	5,792	7,027	1,235
	1889	7	387	.....	1,083	136	1,058	1,573	515
Mississippi	1914	67	2,336	25,272	9,378	850	14,438	17,600	3,162
	1909	87	2,503	24,534	10,133	833	12,169	15,965	3,796
	1904	91	2,499	20,156	8,552	732	10,070	12,587	2,517
	1899	41	1,521	8,961	3,712	461	4,953	6,681	1,728
	1889	13	891	.....	1,498	211	1,758	2,407	649
North Carolina	1914	62	1,586	15,874	8,434	536	13,114	15,269	2,155
	1909	53	1,165	9,641	4,432	326	7,090	8,504	1,414
	1904	43	867	7,935	3,118	233	2,956	3,749	793
	1899	21	564	2,913	1,842	133	2,161	2,677	516
	1889	11	318	.....	744	57	402	530	128
Oklahoma	1914	60	851	16,315	6,465	360	6,283	7,590	1,307
	1909	39	581	10,720	5,071	235	4,245	5,187	942
	1904	24	496	6,005	2,590	182	2,353	3,109	756
	1899	12	222	2,286	719	70	605	874	269
South Carolina	1914	97	2,037	24,690	9,067	639	13,643	16,380	2,737
	1909	103	1,765	17,730	6,880	467	8,719	10,903	2,184
	1904	100	1,282	14,500	5,177	320	4,553	5,463	910
	1899	50	734	5,785	1,960	144	2,363	3,104	741
	1889	17	416	.....	565	56	741	928	187
Tennessee	1914	24	1,054	10,802	5,076	418	9,202	11,414	2,212
	1909	20	806	7,472	3,731	290	5,201	6,593	1,392
	1904	20	701	6,606	2,914	245	3,084	3,744	660
	1899	17	751	4,466	1,997	204	2,278	2,980	702
	1889	15	1,030	.....	1,833	184	1,749	2,505	756
Texas	1914	233	4,471	60,772	27,974	2,087	36,177	41,945	5,768
	1909	194	3,073	45,185	21,506	1,296	23,439	29,916	6,477
	1904	157	2,739	33,960	14,180	1,020	15,805	18,699	2,894
	1899	103	2,478	21,959	7,987	831	10,373	14,005	3,632
	1889	13	866	.....	2,359	320	2,532	3,262	730
All other states[1]	1914	22	943	7,144	11,476	529	24,778	26,877	2,099
	1909	21	692	5,164	7,008	345	14,882	17,107	2,225
	1904	17	721	4,665	7,751	227	9,716	11,621	1,905
	1899	10	403	2,070	3,419	169	6,312	7,140	828
	1889	9	246	.....	1,654	139	2,570	3,375	805

[1] Includes establishments distributed as follows: For 1914—Arizona, 1; California, 1; Florida, 4; Illinois, 2; Kansas, 1; Kentucky, 2; Missouri, 5; New Jersey, 2; Ohio, 1; Rhode Island, 1; and Virginia, 2. For 1909—Florida, 5; Illinois, 2; Kansas, 1; Kentucky, 5; Missouri, 4; New Jersey, 1; Ohio, 1; Rhode Island, 1; and Virginia, 1; For 1904—Florida, 3; Illinois, 2; Kentucky, 3; Missouri, 4; New Jersey, 1; Ohio, 1; Rhode Island, 1; and Virginia, 2. For 1899—Florida, 1; Illinois, 1; Kansas, 1; Kentucky, 3; Missouri, 2; Ohio, 1; and Rhode Island, 1. For 1889—Florida, 2; Kentucky, 2; New York, 3; Ohio, 1; and Rhode Island, 1.

Texas leads all other states in the number of cottonseed-oil mills, reporting 233 for 1914, being followed in this respect by Georgia with 153, South Carolina with 97, and Alabama with 84, in the order in which named. Mississippi shows a loss of 20 establishments and Louisiana 6, as compared with

1909, while Texas, Oklahoma, and Alabama all show large gains. The industry has declined in the two states mentioned because of the boll weevil, a number of mills in each state standing idle.

Texas is also first in the value of products, with a total of $41,945,000, being followed by Georgia with $32,715,000. The large increases in the values of products reported for the several states are due to some extent to the increased prices of commodities generally, rather than to increases in the actual quantities of products manufactured. Table 46 presents more detailed statistics, by states, for 1914.

TABLE 46.—DETAILED STATEMENT FOR COTTONSEED PRODUCTS, BY STATES: 1914.

	United States.	Alabama.	Arkansas.	Georgia.	Louisiana.	Mississippi.
Number of establishments	882	84	43	153	37	67
Persons engaged in the industry, total	27,047	2,499	1,419	5,117	1,463	2,775
Proprietors and firm members	180	15	3	17	3	16
Salaried officers, superintendents, and managers	2,464	241	105	450	99	220
Clerks, etc., total	2,593	215	146	438	234	203
Male	2,455	202	141	415	220	194
Female	138	13	5	23	14	9
Wage earners:						
Average number	21,810	2,028	1,165	4,212	1,127	2,336
Number, fifteenth day of month:						
Maximum—						
Month	November.	November.	December.	October.	November.	December.
Number	36,838	3,354	2,141	6,686	1,952	3,964
Minimum—						
Month	June.	July.	July.	July.	May.	June.
Number	7,063	573	286	1,284	468	754
Wage earners, Dec. 15, or nearest representative day, total	37,155	3,382	2,218	6,658	1,862	3,968
16 years of age and over	37,118	3,382	2,218	6,649	1,862	3,957
Male	37,030	3,374	2,216	6,642	1,837	3,947
Female	88	8	2	7	25	10
Under 16 years of age	37	.....	.....	9	.....	11
Male	36	.....	.....	9	.....	11
Female	1	.....	.....	.....	.....	.....
Capital	$118,073,075	$8,336,078	$5,835,766	$18,818,461	$7,217,032	$9,372,992
Salaries and wages, total	$14,409,448	$1,178,899	$809,276	$2,338,642	$974,082	$1,378,732
Officials	$3,701,838	$320,514	$177,081	$617,872	$201,848	$338,732
Clerks, etc	$2,217,918	$161,342	$120,869	$344,834	$285,081	$190,155
Wage earners	$8,489,692	$697,043	$510,726	$1,375,036	$487,153	$849,845
Contract work	$32,504	.....	$1,997	$18,145	.....	$199
Rent and taxes, total	$1,095,741	$80,152	$55,037	$168,892	$70,378	$145,282
Rent of factory	$64,126	$11,038	$625	$15,302	$7,000	$14,053
Taxes, including internal-revenue and corporation income	$1,031,615	$69,114	$55,062	$153,560	$63,318	$131,229
Cost of materials, total	$180,976,413	$12,340,130	$7,600,356	$27,235,920	$16,165,351	$14,437,628
Principal materials	$176,965,963	$12,037,414	$7,405,718	$26,558,716	$15,921,955	$14,055,971
Fuel and rent of power	$4,010,450	$302,716	$194,638	$677,204	$243,396	$381,657
Value of products	$212,127,024	$14,982,159	$9,249,457	$32,714,801	$18,106,257	$17,599,651
Value added by manufacture (value of products less cost of materials)	$31,150,611	$2,642,029	$1,649,101	$5,478,881	$1,940,906	$3,162,023
Primary horsepower, total	249,781	21,671	13,001	43,143	11,097	25,272
Steam engines	218,872	19,192	12,470	35,853	8,554	24,559
Internal-combustion engines	[1] 7,783	1,136	136	1,083	1,511	143
Electric (rented)	23,126	1,343	395	6,207	1,032	570
Electric horsepower generated in establishments reporting	7,767	417	222	650	1,164	698

	North Carolina.	Oklahoma.	South Carolina.	Tennessee.	Texas.	All other states.
Number of establishments	62	60	97	24	233	22
Persons engaged in the industry, total	1,928	1,110	2,537	1,270	5,649	1,280
Proprietors and firm members	3	11	15	1	95	1
Salaried officers, superintendents, and managers	185	155	286	71	588	64
Clerks, etc., total	154	93	199	144	495	272
Male	142	83	186	136	483	253
Female	12	10	13	8	12	19
Wage earners:						
Average number	1,586	851	2,037	1,054	4,471	943
Number, fifteenth day of month:						
Maximum—						
Month	February.	December.	November.	November.	November.	.....
Number	2,464	1,718	3,379	1,957	7,958	.....
Minimum—						
Month	July.	June.	July.	August.	June.	.....
Number	478	190	545	398	1,297	.....
Wage earners, Dec. 15, or nearest representative day, total	2,452	1,730	3,419	1,825	8,149	1,492
16 years of age and over	2,440	1,730	3,415	1,825	8,148	1,492
Male	2,438	1,730	3,413	1,812	8,136	1,485
Female	2	.....	2	13	12	7
Under 16 years of age	12	.....	4	.....	1	.....
Male	12	.....	4	.....	.....	.....
Female	.....	.....	.....	.....	1	.....
Capital	$8,434,016	$6,465,224	$9,066,593	$5,076,407	$27,974,397	$11,476,109
Salaries and wages, total	$926,341	$651,029	$1,113,982	$686,385	$3,406,200	$945,880
Officials	$263,075	$220,913	$320,646	$161,709	$893,036	$185,812
Clerks, etc	$127,443	$70,158	$154,005	$106,159	$426,624	$231,248
Wage earners	$535,823	$359,958	$639,331	$418,517	$2,086,540	$528,820
Contract work	$60	$1,395	$157	$5,881	$3,247	$1,423
Rent and taxes, total	$65,277	$75,362	$82,736	$36,495	$247,292	$68,108
Rent of factory	$1,500	$1,310	$4,653	$388	$7,852	$345
Taxes, including internal-revenue and corporation income	$63,777	$74,052	$78,133	$36,107	$239,440	$67,823
Cost of materials, total	$13,114,155	$6,283,403	$13,642,921	$9,201,489	$36,176,576	$24,778,484
Principal materials	$12,829,926	$6,121,638	$13,253,366	$9,059,085	$35,179,801	$24,542,373
Fuel and rent of power	$284,229	$161,765	$389,555	$142,404	$996,775	$236,111
Value of products	$15,269,564	$7,589,813	$16,379,858	$11,414,243	$41,944,689	$26,876,732
Value added by manufacture (value of products less cost of materials)	$2,155,209	$1,306,410	$2,736,937	$2,212,754	$5,768,113	$2,098,248
Primary horsepower, total	15,874	16,315	24,690	10,302	60,772	7,144
Steam engines	14,098	15,690	18,280	10,659	54,697	4,820
Internal-combustion engines	11	416	1,102	123	1,547	575
Electric (rented)	1,765	209	5,308	20	4,528	1,749
Electric horsepower generated in establishments reporting	963	133	378	568	1,602	972

[1] Includes 18 water wheels and motors with 1,035 horsepower, reported as follows: 2 with 120 horsepower, in Alabama; 1 with 50 horsepower, in Oklahoma; 12 with 545 horsepower, in South Carolina; 3 with 320 horsepower, in Texas.

PERSONS ENGAGED IN THE INDUSTRY.

Table 47 shows, for 1909 and 1914, the number of persons engaged in the cottonseed-products industry, classified by occupational status and sex, and, in the case of wage earners, according to age. It should be borne in mind that the sex and age classifications of the average number of wage earners in this and other tables are estimated on the basis of the distribution on the actual numbers reported for the representative day.

The average number of wage earners is obtained by adding together the numbers employed on the fifteenth days of the twelve months and dividing the total thus obtained by 12. It represents the approximate number who would have been required to perform the work if all had been continuously employed during the year, and is therefore considerably smaller than the number actually employed during the height of the season.

TABLE 47.—COMPARATIVE STATEMENT OF PERSONS ENGAGED, BY CLASSES AND BY SEX: 1914.

CLASS.	Census year.	PERSONS ENGAGED IN THE INDUSTRY. Total.	Male.	Female.	Per cent of total. Male.	Female.
All classes	1914	27,047	26,843	204	99.2	0.8
	1909	21,273	21,160	113	99.5	0.5
Proprietors and officials	1914	2,644	2,631	13	99.5	0.5
	1909	2,167	2,162	5	99.8	0.2
Proprietors and firm members	1914	180	175	5	97.2	2.8
	1909	110	108	2	98.2	1.8
Salaried officers of corporations	1914	613	605	8	98.7	1.3
	1909	576	573	3	99.5	0.5
Superintendents and managers	1914	1,851	1,851	.....	100.0	.....
	1909	1,481	1,481	.....	100.0	.....
Clerks and other subordinate salaried employees	1914	2,593	2,455	138	94.7	5.3
	1909	2,035	1,956	79	96.1	3.9
Wage earners (average number)	1914	21,810	21,757	53	99.8	0.2
	1909	17,071	17,042	29	99.8	0.2
16 years of age and over	1914	21,788	21,736	52	99.8	0.2
	1909	17,018	16,990	28	99.8	0.2
Under 16 years of age	1914	22	21	1	95.5	4.5
	1909	53	52	1	98.1	1.9

The average number of persons engaged in the industry in 1914 was 27,047, of whom 21,810, or 80.6 per cent, were wage earners; 2,644, or 9.8 per cent, proprietors and officials; and 2,593, or 9.6 per cent, clerks and other subordinate employees. Of the total, 26,843, or 99.3 per cent, were males. The numbers of females of all ages and of males under 16 years of age employed as wage earners were so small as to be negligible. The average numbers of wage earners for each state, as reported at the last five censuses, are given in Table 45, while Table 46 shows by states the sex and age distribution of the wage earners employed on December 15, 1913, or the nearest representative day.

Wage earners employed, by months.—The following table gives the number of wage earners employed on the 15th of each month, as returned at the censuses of 1904, 1909, and 1914. It shows, also, the percentage which the number reported for each month is of the greatest number reported for any month.

TABLE 48.—WAGE EARNERS EMPLOYED, BY MONTHS: 1904, 1909, AND 1914.

MONTH.	WAGE EARNERS IN THE INDUSTRY. Number.[1] 1914	1909	1904	Per cent of maximum. 1914	1909	1904
January	32,459	25,667	24,908	88.1	87.5	90.1
February	28,065	22,388	22,327	76.2	76.3	80.5
March	21,368	18,032	17,055	58.0	61.5	61.6
April	13,561	11,190	10,579	36.8	38.1	38.1
May	8,421	7,445	6,380	22.9	25.4	23.0
June	7,063	5,635	5,130	19.2	19.2	18.5
July	7,361	5,174	4,254	20.0	17.6	15.3
August	10,015	6,038	4,715	27.2	20.6	17.0
September	24,787	16,958	12,186	67.3	57.8	43.9
October	35,478	28,293	25,172	96.3	96.5	90.8
November	36,838	29,334	27,736	100.0	100.0	100.0
December	36,304	28,677	25,048	98.6	97.8	93.6

[1] The figures for 1914 and 1909 represent the number employed on the 15th of each month, or the nearest representative day; those for 1904, the average number employed during the month.

The number of wage earners employed in the industry varies greatly throughout the year. The crushing season begins in southern Texas in July and is at its height throughout the cotton belt from October to January. By that time many of the mills have finished the crush, although a number of the larger ones obtain a sufficient quantity of seed to operate far into the summer. The number of wage earners reported for June, formed 19.2 per cent of the number reported for November.

PREVAILING HOURS OF LABOR.

The prevailing hours of labor per week in the oil mills was 72, the average number of wage earners in establishments falling within this range forming 67.9 per cent of the total.

CHARACTER OF OWNERSHIP.

Of the establishments engaged in the manufacture of cottonseed products during the season of 1913–14, 793 were operated by corporations, 47 by individuals, and 42 by firms. Of the wage earners, 20,535, or 94.1 per cent, were employed by corporations; 777, or 3.6 per cent, by individuals; and 498, or 2.3 per cent, by firms. The proportions of the total value of products reported by establishments under the three forms of ownership were as follows: Corporations, 95.7 per cent; individuals, 2.6 per cent; and firms, 1.7 per cent.

SIZE OF ESTABLISHMENTS.

For the season of 1913–14 only 39 establishments, or 4.5 per cent, had a product of less than $20,000 each; 249, or 28.2 per cent, reported from $20,000 to $100,000; 569, or 64.5 per cent, from $100,000 to $1,000,000; and 25, or 2.8 per cent, a product of $1,000,000 and over. The mills in the last two groups combined—that is, all those having products valued at $100,000 or more—constituted 67.3 per cent of the total number of establishments, employed 86.7 per cent of the wage earners, and reported 92.5 per cent of the total value of products; while those having products valued at less than $100,000, although their number constituted almost one-third of the total, reported only 7.5 per cent of the total value of products.

ENGINES AND POWER.

Table 49 shows for the cottonseed-oil mills the numbers of engines and other motors, according to their character, employed in generating power (including electric motors operated by rented current), together with their total horsepower, as reported at the last five censuses. It also shows separately the number and horsepower of electric motors (*a*) operated by rented current and (*b*) operated by current generated in the establishment using them.

TABLE 49.—NUMBER AND HORSEPOWER OF ENGINES AND MOTORS: 1904, 1909, AND 1914.

POWER.	NUMBER.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1914	1909	1904	1914	1909	1904	1914	1909	1904
Primary power, total	2,326	1,674	1,232	249,781	192,342	150,246	100.0	100.0	100.0
Owned	1,700	1,477	1,232	226,655	185,478	149,588	90.7	96.4	99.6
Steam engines and turbines [1]	1,523	1,434	1,210	218,872	183,620	148,914	87.6	95.4	99.1
Internal-combustion engines	159	38	10	6,748	1,674	115	2.7	0.9	0.1
Water wheels, turbines, and motors	18	5	12	1,035	175	559	0.4	0.1	0.4
Rented	626	197	(2)	23,126	6,864	658	9.3	3.6	0.4
Electric	626	197	(2)	23,126	6,394	658	9.3	3.3	0.4
Other	.....	.....	.....	.....	470	.....	.....	0.3	.....
Electric power, total	998	455	.....	30,893	10,855	3,079	100.0	100.0	100.0
Rented	626	197	(2)	23,126	6,394	658	74.9	58.9	21.4
Generated by establishments reporting	372	258	138	7,767	4,461	2,421	25.1	41.1	78.6

[1] Figures for horsepower include, for 1909 and 1904, the amount reported under the head of "Other" owned power. [2] Not reported.

The total primary power reported for the industry amounted to 150,246 horsepower in 1904, 192,342 in 1909, and 249,781 in 1914. Steam power constituted 99.1 per cent of the total in 1904, 95.4 per cent in 1909, and 87.6 per cent in 1914. The decrease in the proportion of steam power since 1904 has been due to the relatively large increase in the use of electric motors run by purchased current (rented electric power). The leading states in this respect were Georgia, South Carolina, and Texas, in the order named; these three states combined reporting 16,043 horsepower, more than two-thirds of the total rented power for the industry.

FUEL.

Closely related to the subject of power is that of fuel. The combined cost of fuel and rent of power for the industry in 1914, as shown by Table 46, was $4,010,450. The fuel consumed, as shown in the following table, comprised 5,507 tons of anthracite coal, 1,232,031 tons of bituminous coal, 1,762 tons of coke, 248,806 barrels of oil, and 1,519,198 cubic feet of gas.

TABLE 50.—FUEL USED, BY KINDS AND BY STATES: 1914.

STATE.	COAL.		Coke (tons of 2,000 lbs).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons of 2,240 lbs).	Bituminous (tons of 2,000 lbs).			
United States	5,507	1,232,031	1,762	248,806	1,519,198
Alabama	.....	131,729	400	126	15,000
Arkansas	.....	60,555	.....	3,764	214,406
Georgia	.....	179,107	267	186	.....
Louisiana	604	38,367	.....	85,631	204,110
Mississippi	.....	163,184	1,000	.....	.....
North Carolina	.....	70,862	.....	72	.....
Oklahoma	.....	46,249	.....	1,207	356,054
South Carolina	500	93,143	.....	130	.....
Tennessee	.....	78,582	.....	361	.....
Texas	870	310,173	.....	139,079	729,628
All other states	3,533	60,080	95	18,250	.....

A number of mills also reported wood, but no data as to the quantity were collected.

Practically all the oil reported was for Louisiana and Texas; and these states, together with Arkansas and Oklahoma, reported almost the entire quantity of gas. The proximity of the mills in these states to the gas wells affords a cheap and convenient fuel.

MATERIALS AND PRODUCTS.

The special schedule used for collecting the statistics of the cottonseed-products industry provided for reporting the quantities of cotton seed and of crude oil purchased and the quantities and values of the various products manufactured. Table 51 shows these statistics, so far as available, for the industry as a whole.

TABLE 51.—DETAILED STATEMENT OF MATERIALS AND PRODUCTS: 1914.

ITEM.	Quantity.	Cost or value.
Cotton seed crushed, tons	4,790,774	$121,930,626
Crude oil purchased, gallons	80,704,213	34,203,783
Products, total value	.....	212,127,024
Crude oil produced, total gallons	191,163,261	.....
For consumption in mill, gallons	8,040,989	.....
For sale, gallons	183,122,272	76,851,163
Cake and meal produced, total tons	2,191,010	.....
For consumption in mill, tons	73,911	.....
For sale, tons	2,117,099	53,511,933
Hulls produced, total tons	1,385,940	.....
For consumption in mill, tons	12,187	.....
For sale, tons	1,373,753	10,963,518
Linters, pounds	330,624,502	7,621,091
Refined oil, gallons	72,749,741	38,789,628
Soap stock, pounds	83,680,480	1,284,203
Fertilizer, tons	402,417	8,630,355
All other products, value	.....	13,083,486
Amount received from custom ginning	.....	1,388,647
Equipment:		
Linters and delinting machines, number	8,354	.....
Hullers	1,608	.....
Presses	3,117	.....

The statistics presented in the foregoing table relate only to establishments engaged primarily in the manufacture of cottonseed products. There-

fore some establishments which crush cotton seed in connection with some other line of manufacture are classified other than cottonseed products; however, to enable a complete statistical presentation, the census inquiry called for the quantity and cost of cotton seed crushed and the total production of the several crude products derived therefrom, whether sold as such or used as intermediate products in further processes of manufacture, such as the refining of oil and the mixing of fertilizer and feed.

Table 52 shows, by states, the number of establishments engaged in crushing cotton seed, the quantities and cost of seed crushed, and the quantities and values of the crude products, as returned at each census of manufactures from 1899 to 1914, inclusive. The totals shown in the table include estimates as to the value of the crude products when not sold, these values being computed on the basis of the average prices obtained for those sold.

Between 1899 and 1914 the number of establishments engaged in crushing cotton seed increased from 357 to 872, or 144.3 per cent, and the quantity of seed crushed from 2,479,386 tons to 4,847,628 tons, or 95.5 per cent. The number of active mills has increased since 1909 in all of the states except Louisiana and Mississippi, where the industry has been greatly affected by the boll weevil, and Arkansas and South Carolina, which show slight losses in number of mills operated. Texas shows an increase of 37 establishments, compared with 1909; Oklahoma, 21; Alabama, 15, and Georgia, 10. All of the states, with the exception of Mississippi, show an increase in the quantity of seed crushed, Texas and Georgia, each with an increase of more than 270,000 tons, leading.

The average quantity of seed crushed per mill was 5,559 tons. This average exceeded that for 1904 and 1909, but was less than in 1899. When the oil-mill industry was first established, the mills were located in the more important centers. These centrally located mills were usually of large capacity and obtained part of their seed supply, in some instances, from considerable distances. With the development of the industry, however, many mills have been established in the smaller towns, and these, as a rule, are of smaller capacity and depend largely on the immediate vicinity for their seed supply. Tennessee, with an average crush per mill of 11,629 tons in 1913–14, leads all other states in this regard. This is accounted for by the fact that Memphis is the most important cottonseed-crushing center in the world.

TABLE 52.—COMPARATIVE SUMMARY OF THE QUANTITY AND COST OF COTTON SEED CRUSHED AND OF THE QUANTITIES AND VALUES OF CRUDE PRODUCTS MANUFACTURED, BY STATES: 1899, 1904, 1909, AND 1914.

STATE.	Year.	Number of active establishments.	COTTON SEED CRUSHED.			CRUDE COTTONSEED PRODUCTS.								
			Tons.	Cost.	Consumption per mill (tons).	Total value.	Oil.		Meal and cake.		Hulls.		Linters.	
							Gallons.	Value.	Tons.	Value.	Tons.	Value.	Pounds.	Value.
United States	1914	872	4,847,628	$123,335,299	5,559	$156,036,437	193,333,019	$81,024,392	2,217,378	$56,093,519	1,402,909	$11,206,774	334,116,513	$7,711,752
	1909	810	3,827,301	78,111,857	4,725	107,528,204	158,328,541	55,327,937	1,674,545	40,493,513	1,267,538	7,699,857	175,773,077	4,006,897
	1904	717	3,345,370	51,878,604	4,666	69,310,624	133,817,772	31,341,912	1,360,172	27,766,556	1,213,344	5,588,814	117,792,960	4,613,342
	1899	357	2,479,386	28,632,616	6,945	42,411,835	93,325,729	21,390,674	884,391	16,030,576	1,169,280	3,189,354	57,272,053	1,801,231
Alabama	1914	86	427,845	11,354,429	4,975	14,486,977	17,627,203	7,580,844	200,791	5,119,460	118,975	1,007,028	27,536,555	719,645
	1909	71	310,754	6,263,827	4,377	8,714,277	13,061,384	4,418,413	141,102	3,383,676	95,351	628,363	13,770,427	283,825
	1904	58	265,653	4,062,458	4,580	5,578,189	10,634,364	2,565,424	107,229	2,217,343	95,517	490,860	8,420,399	304,562
	1899	27	172,093	2,019,085	6,374	2,952,254	6,704,951	1,520,834	60,339	1,076,150	80,167	217,025	4,331,016	137,345
Arkansas	1914	43	312,755	6,837,855	7,273	8,893,136	11,597,072	4,414,529	136,598	3,394,816	89,098	650,879	22,101,718	432,912
	1909	44	278,337	5,577,519	6,326	7,700,341	11,435,430	4,026,497	116,709	2,866,398	94,200	512,213	12,889,498	295,233
	1904	42	238,227	3,863,975	5,672	4,912,819	9,557,668	2,373,600	94,263	1,853,278	84,374	343,209	8,572,572	342,732
	1899	20	190,015	2,245,710	9,501	3,188,812	7,224,971	1,644,465	65,459	1,142,102	90,683	248,770	4,613,519	153,475
Georgia	1914	155	864,680	23,902,017	5,579	30,138,354	38,389,261	16,864,313	404,702	9,863,441	252,319	2,050,618	55,701,475	1,359,982
	1909	145	594,070	12,435,932	4,097	17,084,325	26,181,463	9,108,369	261,717	6,234,955	188,270	1,229,561	26,010,114	511,440
	1904	120	368,996	5,924,680	3,075	8,109,677	15,284,303	3,679,539	151,011	3,157,920	131,521	751,644	13,281,489	520,574
	1899	46	271,833	3,246,814	5,909	4,787,100	10,606,693	2,468,386	91,637	1,713,038	132,344	405,581	6,308,830	200,095
Louisiana	1914	32	160,660	3,395,973	5,021	4,363,564	5,910,967	2,046,132	77,318	1,790,866	39,243	307,786	11,907,454	218,780
	1909	41	155,548	3,333,713	3,794	4,496,709	6,527,563	2,300,681	70,739	1,737,187	45,617	294,708	7,282,908	164,223
	1904	49	319,704	4,721,103	6,525	6,623,523	13,158,549	2,985,670	138,301	2,812,160	103,955	414,527	10,771,905	411,166
	1899	21	250,983	2,833,767	11,952	4,397,891	9,692,640	2,222,762	91,348	1,715,424	114,446	287,650	6,133,661	172,055
Mississippi	1914	69	506,190	12,866,455	7,336	16,696,963	21,312,278	8,878,669	232,126	5,783,291	138,669	1,150,800	35,652,381	881,203
	1909	89	559,357	10,848,270	6,285	15,468,769	24,386,289	8,079,117	244,738	5,746,029	181,797	1,095,415	24,237,536	548,208
	1904	92	556,396	8,932,300	6,048	12,093,059	22,975,991	5,752,963	228,122	4,673,017	198,464	942,705	17,418,033	724,374
	1899	41	394,678	4,577,995	9,626	6,671,031	15,033,565	3,364,278	141,529	2,618,405	185,060	396,791	9,199,737	291,557
North Carolina	1914	63	328,705	9,783,078	5,218	11,865,452	14,602,325	6,410,872	148,860	4,180,094	95,335	771,752	17,259,390	502,734
	1909	53	214,582	4,695,456	4,049	6,199,488	9,611,394	3,278,844	92,906	2,348,825	68,459	367,112	8,442,520	204,707
	1904	44	148,097	2,650,615	3,366	3,446,709	6,269,062	1,600,950	59,787	1,376,619	53,184	268,813	4,472,965	200,327
	1899	20	107,660	1,313,663	5,383	1,880,015	4,388,277	979,637	36,088	678,973	52,139	145,928	2,149,996	75,477
Oklahoma	1914	60	255,075	5,820,359	4,251	7,543,414	8,292,903	3,390,464	118,903	3,116,696	72,778	589,210	20,753,751	447,044
	1909	39	186,352	3,934,987	4,778	5,180,034	6,817,974	2,546,521	78,690	2,012,734	62,290	367,889	9,584,227	252,890
	1904	24	168,454	2,129,068	7,019	3,080,079	6,384,973	1,250,043	67,417	1,340,831	62,264	224,412	7,169,960	264,793
	1899	12	52,840	545,459	4,403	856,141	1,868,906	394,012	18,666	346,592	25,498	73,869	1,199,525	41,668
South Carolina	1914	98	418,486	11,824,557	4,270	15,045,162	18,979,394	8,342,602	190,498	5,028,472	116,403	959,557	23,781,620	714,531
	1909	102	346,550	7,530,045	3,398	10,170,440	15,745,552	5,465,826	156,729	3,796,143	103,795	573,559	14,350,169	334,912
	1904	99	213,103	3,767,983	2,153	4,946,030	9,178,661	2,322,876	90,815	1,986,895	71,942	366,795	6,641,495	269,464
	1899	48	156,642	2,186,408	3,263	3,043,547	6,162,218	1,545,934	57,936	1,169,645	71,542	217,886	3,223,892	110,082
Tennessee	1914	23	267,466	6,674,240	11,629	9,097,560	10,860,022	4,885,719	117,886	3,116,277	78,761	603,440	19,826,252	492,124
	1909	20	179,475	3,526,945	8,974	5,082,745	7,525,409	2,611,216	76,963	1,925,842	59,434	325,109	8,533,484	220,578
	1904	20	143,479	2,367,686	7,174	3,090,247	5,760,599	1,442,643	58,477	1,169,980	53,738	232,477	5,918,496	254,147
	1899	15	168,307	1,848,829	11,220	2,737,038	6,454,173	1,363,555	59,613	1,045,795	79,853	196,105	4,058,473	131,583
Texas	1914	229	1,191,508	28,059,376	5,203	34,188,096	41,349,603	16,296,643	538,752	13,348,629	367,090	2,793,628	92,970,687	1,749,180
	1909	192	916,374	18,267,454	4,773	25,022,509	33,497,933	12,270,855	395,791	9,500,062	340,528	2,144,380	46,994,462	1,107,212
	1904	155	864,767	12,437,330	5,579	16,173,485	32,239,649	6,776,342	340,709	6,698,821	337,233	1,450,984	33,307,490	1,247,338
	1899	102	692,604	7,560,661	6,790	11,519,656	24,354,695	5,696,263	252,983	4,371,377	328,119	975,489	15,544,379	476,527
All other states	1914	14	114,258	2,816,960	8,161	3,717,775	4,411,991	1,913,605	50,944	1,351,477	34,238	262,076	6,625,230	190,617
	1909	14	85,902	1,697,709	6,136	2,408,477	3,538,150	1,221,593	38,401	941,662	27,797	161,548	3,641,732	83,069
	1904	14	58,494	1,021,406	4,178	1,247,807	2,373,953	591,862	24,041	479,692	21,152	102,388	1,817,565	73,865
	1899	5	21,731	254,225	4,346	378,350	834,640	190,548	8,693	153,075	9,430	23,360	419,025	11,367

In the following statement the establishments represented in the preceding table for the season of 1913–14 are classified according to the quantity of seed crushed.

STATE.	NUMBER OF COTTONSEED-OIL MILLS.						
	Total.	Crushing—					
		Less than 1,000 tons.	1,000 but less than 2,000 tons.	2,000 but less than 5,000 tons.	5,000 but less than 10,000 tons.	10,000 but less than 20,000 tons.	20,000 tons and over.
United States...	872	68	103	339	253	86	23
Alabama	86	9	12	27	29	7	2
Arkansas	43	3	2	10	19	8	1
Georgia	155	14	21	73	26	14	7
Louisiana	32	1	3	18	5	5	.....
Mississippi	69	2	6	22	23	13	3
North Carolina	63	6	8	27	15	5	2
Oklahoma	60	9	6	18	25	2	.....
South Carolina	98	9	27	35	19	6	2
Tennessee	23	.....	1	1	10	9	2
Texas	229	13	17	107	74	15	3
All other states	14	2	.....	1	8	2	1

Of the mills operated during the season, 171 crushed less than 2,000 tons each from the crop of 1913; 510, or 58.5 per cent of the total number, crushed less than 5,000 tons each; and 763, or 87.5 per cent, less than 10,000 tons each. There were 109 mills, each of which crushed 10,000 tons or more, and these together reported more than 35 per cent of the total quantity of seed crushed.

The total cost of seed for the season of 1913–14, as delivered at the mill, thus including freight and commission, was $123,335,299. The average cost per ton was $25.44, which compares with $20.41 for 1909 and $11.55 for 1899. The average was higher than that for the United States in Alabama, Georgia, North Carolina, and South Carolina, and lower in Arkansas, Louisiana, Oklahoma, and Texas. North Carolina, with $29.76, shows the highest average cost per ton of seed, and Louisiana, with $21.14, the lowest. A number of factors must be considered in accounting for wide differences in the cost of seed throughout the cotton belt, among others being the oil content of the seed, proximity of the supply, home markets for products, and competition.

The total value of crude cottonseed products manufactured during the season of 1913–14 amounted to $156,036,437, compared with $107,528,204 in 1909, $69,310,624 in 1904, and $42,411,835 in 1899. Compared with 1909, all of the states, with the exception of Louisiana, show an increase. The average value of products per ton of seed crushed was $17.11 in 1899, $20.72 in 1904, $28.10 in 1909, and $32.19 in 1914. The average varies greatly for the different states, ranging for the season of 1913–14 from $27.16 in Louisiana and $28.43 in Arkansas to $36.10 in North Carolina, and $35.95 in South Carolina. The comparatively low averages for Louisiana and Arkansas may be accounted for, in part, by the poor condition of the seed, due to an unusually wet season. In 1914 oil represented 51.9 per cent of the total value of crude products; meal and cake, 36 per cent; hulls, 7.2 per cent; and linters, 4.9 per cent. These proportions are practically identical with those for 1909.

The average value of oil produced during the season of 1913–14 was 41.9 cents per gallon; of cake and meal, $25.30 per ton; of hulls, $7.99 per ton; and of linters, 2.3 cents per pound. The fluctuations in the average values of the several products for the three census years are due, in a large measure, to the fluctuations in the market values of products with which they come into competition. For instance, the price of oil is affected by the prices of hogs' lard, soap stock, olive oil, etc., and the price of meal and cake and of hulls by those of other feedstuffs and of fertilizer materials.

The ratios which the weights of the several products in 1914 bore to the total weight of the seed when received at the mill were as follows: Crude oil, 15 per cent; cake and meal, 45.7 per cent; hulls, 28.9 per cent; and linters, 3.4 per cent; leaving a loss of 7 per cent. The corresponding percentages for 1909 were: Crude oil, 15.5; meal and cake, 43.8; hulls, 33.1; linters, 2.3; and a loss of 5.3 per cent. From a comparison of these figures it will be observed that there has been a slight decrease in the relative quantity of oil produced, a noticeable decrease in that of hulls, and increases in those of meal and cake and of linters. The reduction in the average production of hulls may be accounted for by the closer delinting of the seed and by the introduction of cold-press mills, which extract the oil from the seed without hulling, the resulting cake including the hulls. The number of these cold-press mills operated during the season of 1913–14 was 61. All of the important cotton states report some of these mills, the largest number being returned from Oklahoma. The relation among the average quantities of the several products that can be obtained from a given quantity of cottonseed depends largely upon the variety and conditions of the seed and the climatic conditions during the growing and harvesting seasons, as well as upon the efficiency of the mill.

PERIODICAL REPORTS OF COTTON SEED CRUSHED AND LINTERS OBTAINED.

The substitution of linters for long-fiber cotton in many lines of manufacture has created a demand for information as to the production. The Bureau of the Census has accordingly collected data of linters obtained and associated them with the statistics of cotton ginned. With the development of the oil-mill industry it has been found advantageous to delint the seed much more closely than was the practice but a few years ago, and some of the mills now pass the seed through the linter machine a second time. The more nearly the fiber is removed from the seed, the less is the meat carried off with the hulls and consequently the greater is the yield of oil and cake, which are the more valuable

products. The total production of linters for each year since the inauguration of the annual reports of cotton ginned is shown in Table 3, and the production by states is given in Table 4 for the years 1911 to 1915, inclusive. Although the data relative to the production of linters have been collected in connection with the statistics of cotton ginned, information as to the quantity of cotton seed used by the oil mills in manufacture has been collected for only the last three years, except at the general censuses of manufactures.

Table 53 shows, by states, for the crops of 1911 to 1915, inclusive, the quantity of seed crushed, the total quantity of linters obtained, and the average quantity of linters obtained per ton of seed treated, and for 1915, the number of cottonseed-oil mills active.

TABLE 53.—NUMBER OF COTTONSEED-OIL MILLS, QUANTITY OF SEED CRUSHED, AND QUANTITY OF LINTERS OBTAINED, BY STATES: CROPS OF 1911 TO 1915.

STATE.	Active cotton-seed-oil mills, number.	COTTON SEED CRUSHED. Tons.					LINTERS OBTAINED. Running bales.					Average per ton of seed crushed (pounds).				
	1915	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
United States..	844	4,202,313	5,779,665	4,767,802	4,579,508	4,921,073	944,640	832,401	631,153	602,324	556,276	106	74	67	67	57
Alabama	89	328,115	502,374	428,447	347,224	410,295	79,220	69,024	53,860	38,839	40,667	112	71	63	56	50
Arkansas	41	268,687	314,308	305,042	249,360	273,455	58,277	46,242	40,671	34,084	31,836	103	77	69	70	60
Florida		(1)	33,150	23,650	19,069	26,156	(1)	3,060	2,621	1,415	1,955	(1)	49	51	34	32
Georgia	155	791,492	1,053,927	861,177	630,836	814,152	182,683	141,478	110,629	76,185	80,313	108	66	63	59	47
Louisiana	25	138,262	175,924	153,526	151,742	157,175	31,734	24,689	21,823	17,927	18,592	109	73	73	61	60
Mississippi	63	376,036	527,905	502,326	393,635	430,356	87,436	78,781	60,766	45,228	46,718	112	79	64	61	57
Missouri	4	24,540	32,226	27,994	22,419	42,271	5,370	4,062	3,399	2,433	4,217	102	68	63	56	52
North Carolina	67	297,633	387,765	317,955	309,800	330,784	57,599	45,497	34,998	28,729	30,131	88	58	52	43	44
Oklahoma	56	229,419	410,733	249,721	337,617	306,842	54,283	68,929	38,536	52,016	30,260	113	91	82	81	67
South Carolina	88	327,662	460,757	411,292	340,555	387,962	70,923	58,416	46,580	35,517	36,989	99	62	55	50	46
Tennessee	22	226,440	277,930	259,556	164,703	251,829	57,834	41,601	34,671	22,202	28,815	122	70	69	71	58
Texas	222	1,123,382	1,514,505	1,166,369	1,570,966	1,415,321	243,491	238,395	176,202	243,314	190,096	103	82	77	78	68
All other states	[2]12	70,645	88,161	60,747	41,582	74,475	15,790	11,327	6,397	4,345	6,687	109	66	55	54	48

[1] Included in "All other states."

[2] Includes Arizona, 2; California, 4; Florida, 3; Illinois, 2; and Kentucky, 1.

According to Table 53, there were 844 establishments engaged in crushing cotton seed from the crop of 1915. This number compares with 885 in 1914, 870 in 1913, 857 in 1912, and 839 in 1911.

The slight differences in cotton seed crushed and linters produced between Tables 52 and 53 for 1913 are due partly to the fact that the data for Table 53 were collected in March at the final canvass of ginneries before the end of the crushing season and necessarily contain estimates for the remainder of the season and partly to the fact that Table 52 includes the reports of several establishments for the calendar year 1914 which had been idle up to the time of the March canvass.

The estimated quantity of cotton seed produced from the crop of 1915, according to Table 12, was 4,992,000 tons, which compares with 7,186,000 tons from the crop of 1914, 6,305,000 tons from the crop of 1913, 6,104,000 tons from that of 1912, and 6,997,000 tons from that of 1911. Of the total for 1915, 4,202,313 tons, or 84.2 per cent, were taken by the oil mills, thus leaving 789,687 tons, or 15.8 per cent, for planting, export, feeding, and other purposes. The proportion taken by the oil mills from the crop of 1914 was 80.4 per cent; from that of 1913, 75.6 per cent; from that of 1912, 75 per cent; and from that of 1911, 70 per cent. The proportion which the quantity of seed crushed forms of the total produced, as shown in Table 12, varies for the different states, but this is accounted for in part by the interstate shipment of seed and by differences in accessibility to the mills and in the quantity of the seed retained for planting. Larger proportions are kept for this purpose in some localities, especially where the better varieties of cotton are grown. In Alabama, Arkansas, and South Carolina the proportion of the estimated seed production which was taken by the oil mills of those states was comparatively low, large quantities of seed grown in these states being shipped to other states for crushing. On the other hand, the amount returned by the mills in Tennessee exceeded the total production of the state. This is due to the fact that Memphis is the most important crushing center in the cotton belt and draws seed from other states, particularly Arkansas.

The average quantity of seed crushed per establishment in the United States from the crop of 1915 was 4,979 tons, which compares with 6,531, 5,480, 5,344, and 5,865 tons, respectively, for the four previous seasons. Wide variations appear in the average consumption of the mills in the different states, those in South Carolina showing the smallest and those in Tennessee the largest average crush for each of the named.

As previously stated, the quantity of linters produced increased from 114,544 equivalent 500-pound bales from the crop of 1899 to 931,141 such bales from the crop of 1915. Statistics as to the quantity of seed treated in obtaining the linters have been collected for only the last five years, but it is evident that the average production of linters per ton of seed crushed has been steadily increasing. The average for the country

as a whole was 106 pounds in 1915, 74 pounds in 1914, 67 pounds in 1913, and in 1912, and 57 pounds in 1911. This marked increase in the production of linters per ton of seed treated was due largely to the installation of improved machinery, which effects closer delinting. This practice was accelerated by the increased demand for linters in the manufacture of explosives. For 1915 Tennessee, with 122 pounds, shows the highest production per ton of seed treated, while Oklahoma, with 113 pounds, is next, followed by Alabama and Mississippi with 112 pounds.

Cotton seed crushed and linters obtained to specified dates.—Prior to the season of 1912–13, statistics of linters obtained by reginning cotton seed were collected only in March of each year. For the crop of 1912 data were also collected showing the quantity of seed crushed and linters obtained to January 1, and for the crops of 1913, 1914, and 1915, the quantities to December 1 and January 1. This information is given, by states, in Table 54.

Prior to January 1 of the following year 2,615,352 tons of cotton seed from the crop of 1915 had been crushed, 3,338,176 tons from the crop of 1914, 3,012,685 tons from the crop of 1913, and 2,739,897 tons from that of 1912. These amounts represent, respectively, 62.2 per cent, 57.8 per cent, 63.2 per cent, and 59.8 per cent of the totals crushed for the four seasons. Up to December 1 the mills treated 46.6 per cent of the total quantity of seed crushed from the crop of 1915, as against 42.8 per cent and 45.9 per cent to the same date in the two years previous.

TABLE 54.—COTTON SEED CRUSHED AND LINTERS OBTAINED TO DECEMBER 1 AND JANUARY 1, BY STATES: CROPS OF 1912, 1913, 1914, AND 1915.

STATE.	COTTON SEED OF CROP INDICATED CRUSHED PRIOR TO—							LINTERS OF CROP INDICATED OBTAINED PRIOR TO—						
	Jan. 1.				Dec. 1.			Jan. 1.				Dec. 1.		
	1915	1914	1913	1912	1915	1914	1913	1915	1914	1913	1912	1915	1914	1913
United States....	*Tons.* 2,615,352	*Tons.* 3,338,176	*Tons.* 3,012,685	*Tons.* 2,739,897	*Tons.* 1,956,703	*Tons.* 2,473,931	*Tons.* 2,192,276	*Bales.* 531,369	*Bales.* 462,073	*Bales.* 397,974	*Bales.* 352,972	*Bales.* 381,347	*Bales.* 341,142	*Bales.* 288,468
Alabama	200,157	286,226	262,854	235,264	148,894	211,935	192,841	42,485	38,414	32,789	25,966	30,481	28,085	23,863
Arkansas	151,306	184,465	175,312	142,533	109,335	132,847	116,632	29,227	25,833	22,667	18,839	20,072	18,121	15,209
Florida	(1)	23,874	17,578	15,650	(1)	19,177	13,806	(1)	2,176	1,677	1,154	(1)	1,690	1,397
Georgia	470,471	584,544	515,137	405,541	356,737	433,046	375,266	97,796	75,063	65,461	48,900	71,837	56,293	46,846
Louisiana	89,182	122,343	103,022	94,877	70,003	90,932	74,625	18,694	16,008	13,538	10,324	14,129	11,948	9,503
Mississippi	233,584	319,820	284,527	241,987	177,649	228,796	195,700	48,553	44,376	34,620	27,936	35,306	31,614	23,390
Missouri	13,564	20,342	19,530	15,568	9,429	13,947	13,749	3,055	2,619	2,381	1,642	2,002	1,800	1,649
North Carolina	169,782	186,522	162,995	160,164	118,591	126,458	114,283	29,504	21,371	17,607	14,889	19,861	14,409	11,823
Oklahoma	137,738	232,557	188,473	191,936	79,555	164,675	136,191	28,869	37,397	28,885	28,794	15,914	26,213	20,966
South Carolina	205,998	257,576	239,439	203,889	156,914	190,315	171,496	37,772	29,887	26,779	20,719	26,742	21,799	19,105
Tennessee	128,664	156,382	151,221	107,739	90,710	111,358	100,120	29,477	22,176	19,234	13,432	19,213	15,032	12,658
Texas	770,972	921,978	860,321	901,047	604,877	724,870	667,176	156,975	141,970	129,243	138,190	119,459	111,027	99,959
All other states	43,934	41,547	32,276	23,702	34,009	25,575	20,391	8,962	4,783	3,093	2,187	6,331	3,111	2,005

[1] Included in "All other states."

COMPARATIVE DATA FOR THE INDUSTRY.

The remarkable development of the cottonseed-products industry in the United States is indicated in Table 55, which shows the estimated quantity of cotton seed produced, the quantity utilized for manufacturing purposes, and the estimated quantities and values of crude products manufactured, together with statistics regarding the exports of cottonseed and its products for a series of years.

TABLE 55.—ESTIMATED QUANTITY OF COTTON SEED PRODUCED, QUANTITY OF COTTON SEED CRUSHED, ESTIMATED QUANTITIES AND VALUES OF CRUDE PRODUCTS OBTAINED, AND EXPORTS OF COTTONSEED PRODUCTS: 1874 TO 1915.

[In the preparation of this table a number of sources of information have been utilized, but it has been found impracticable to secure all in instances satisfactory data for the years indicated, and only an approximation to the facts is claimed. Statistics of the quantity of seed produced and the quantity crushed and of cottonseed products relate to the growth year, while the statistics of exports are for the year ending June 30, following.]

YEAR.	COTTON SEED—		CRUDE COTTONSEED PRODUCTS.								EXPORTS.		
				Oil.		Cake and meal.		Hulls.		Linters.		Cottonseed products.	
	Produced (tons).	Crushed (tons).	Total value.	Quantity (gallons).	Value.	Quantity (tons).	Value.	Quantity (tons).	Value.	Quantity (bales of 500 pounds net).	Value.	Cotton seed (tons).	Oil (gallons).	Cake and meal (tons).
1915	4,992,000	4,202,313	$189,260,000	167,110,000	$87,940,000	1,923,000	$53,860,000	1,220,000	$12,340,000	889,577	$26,120,000	1,238	35,537,328	528,961
1914	7,186,000	5,779,665	152,880,000	229,260,000	80,540,000	2,648,000	57,740,000	1,677,000	8,450,000	820,274	6,150,000	3,157	42,448,870	739,533
1913	6,605,000	4,847,628	159,670,000	193,330,000	81,020,000	2,220,000	59,810,000	1,400,000	11,210,000	660,087	7,630,000	8,171	25,728,411	399,987
1912	6,104,000	4,579,508	132,230,000	185,750,000	69,100,000	1,999,000	45,970,000	1,540,000	9,710,000	583,091	7,450,000	12,024	42,031,052	564,046
1911	6,997,000	4,921,073	131,340,000	201,650,000	63,580,000	2,151,000	49,720,000	1,642,000	9,890,000	533,099	5,150,000	32,030	53,202,790	646,845
1910	5,175,000	4,106,000	142,710,000	167,970,000	80,430,000	1,792,000	44,660,000	1,375,000	11,370,000	379,576	6,250,000	6,612	30,069,459	402,298
1909	4,492,000	3,269,000	105,720,000	131,000,000	55,230,000	1,326,000	35,910,000	1,189,000	9,810,000	296,640	4,770,000	12,466	29,860,667	320,044
1908	5,004,000	3,670,000	83,030,000	146,790,000	44,080,000	1,492,000	33,580,000	1,330,000	6,080,000	330,277	2,340,000	25,813	51,087,320	616,875
1907	4,952,000	2,555,000	65,980,000	103,050,000	33,390,000	1,043,000	23,300,000	927,000	6,370,000	256,487	2,920,000	14,239	41,019,991	464,044
1906	5,913,000	3,844,000	94,380,000	153,760,000	43,050,000	1,786,000	39,140,000	1,593,000	8,840,000	307,518	3,350,000	8,814	41,880,304	670,484
1905	5,060,000	3,131,000	64,950,000	125,700,000	26,400,000	1,272,000	29,250,000	1,135,000	5,110,000	219,397	4,190,000	11,859	43,793,519	555,417
1904	6,427,000	3,345,000	69,310,000	133,820,000	31,340,000	1,360,000	27,770,000	1,213,000	5,590,000	235,586	4,610,000	10,551	51,835,580	625,954
1903	4,716,000	3,241,000	73,930,000	121,880,000	39,000,000	1,156,000	24,840,000	1,528,000	5,710,000	194,486	4,380,000	6,430	29,013,743	410,175
1902	5,032,000	3,269,000	71,290,000	122,010,000	40,560,000	1,165,000	23,310,000	1,541,000	5,390,000	150,366	2,030,000	25,811	35,642,994	550,196
1901	4,630,000	3,151,000	62,980,000	118,610,000	33,210,000	1,125,000	21,930,000	1,487,000	6,320,000	145,103	1,520,000	28,202	33,042,848	525,233
1900	4,830,000	2,415,000	48,230,000	96,610,000	26,080,000	845,000	16,270,000	1,139,000	3,990,000	111,096	1,890,000	21,665	42,356,741	629,344
1899	4,688,000	2,479,000	42,410,000	93,330,000	21,390,000	884,000	16,030,000	1,169,000	3,190,000	114,544	1,800,000	24,928	46,902,390	571,852
1898	5,472,000	2,353,000	27,960,000	94,110,000	13,180,000	823,000	14,780,000					17,222	50,627,219	539,997
1897	5,253,000	2,101,000	26,080,000	84,040,000	12,610,000	735,000	14,070,000					16,382	40,230,784	459,864
1896	4,070,000	1,628,000	26,230,000	65,120,000	11,720,000	570,000	14,540,000					13,283	27,198,882	311,693
1895	3,416,000	1,435,000	20,180,000	57,390,000	11,480,000	502,000	8,700,000					13,490	19,445,848	202,469
1894	4,792,000	1,677,000	24,870,000	67,090,000	13,420,000	587,000	11,450,000					5,526	21,187,728	244,858
1893	3,579,000	1,431,000	28,500,000	57,260,000	16,600,000	501,000	11,900,000					2,710	14,958,309	
1892	3,183,000	1,050,000	18,630,000	42,010,000	10,080,000	368,000	8,550,000					2,260	9,462,074	
1891	4,274,000	1,068,000	20,520,000	42,740,000	11,540,000	374,000	8,980,000					6,075	13,859,278	
1890	4,033,000	1,023,000	19,790,000	40,930,000	11,460,000	358,000	8,330,000					5,054	11,003,160	
1889	3,495,000	874,000	16,400,000	34,950,000	10,130,000	306,000	6,270,000					3,930	13,384,385	
1888	3,310,000	794,000	20,370,000	31,770,000	13,980,000	278,000	6,390,000					5,687	2,690,700	
1887	3,291,000	823,000	17,130,000	32,910,000	11,520,000	288,000	5,610,000					3,109	4,458,597	
1886	3,018,000	694,000	12,820,000	27,770,000	8,050,000	243,000	4,770,000					5,616	4,067,138	
1885	3,045,000	578,000	10,970,000	23,140,000	6,710,000	202,000	4,260,000					5,897	6,240,139	
1884	2,625,000	499,000	10,470,000	19,950,000	6,980,000	174,000	3,490,000					5,523	6,364,279	
1883	2,633,000	395,000	9,850,000	15,840,000	6,020,000	138,000	3,330,000					2,897	3,695,946	
1882	3,266,000	392,000	10,640,000	15,680,000	7,050,000	137,000	3,580,000					5,000	415,611	
1881	2,455,000	295,000	8,380,000	11,780,000	5,420,000	103,000	2,960,000					5,951	713,549	
1880	3,059,000	182,000	4,610,000	7,280,000	2,770,000	64,000	1,840,000					5,814	3,444,084	
1879	2,616,000	235,000	5,640,000	9,420,000	3,670,000	82,000	1,970,000					6,071	6,997,796	
1878	2,268,000	181,000	3,810,000	7,260,000	2,400,000	64,000	1,410,000					8,199	5,352,530	
1877	2,148,000	150,000	3,910,000	6,020,000	2,650,000	53,000	1,260,000					8,379	4,992,349	
1876	1,969,000	98,000	2,610,000	3,940,000	1,770,000	34,000	840,000					5,155	1,705,422	
1875	2,657,000	123,000	3,970,000	4,940,000	2,670,000	43,000	1,300,000					2,582	281,054	
1874	1,687,000	84,000	2,330,000	3,370,000	1,590,000	30,000	940,000					2,658	417,387	

[1] The figures of the Thirteenth Census are not shown in this table because they do not represent a single growth year.

FERTILIZERS.

Cotton growers and farmers generally are coming to realize more and more the value of fertilizers in increasing the yield of their crops. This is especially the case with the cotton crop, and the use of commercial fertilizers is increasing, particularly in the eastern section of the cotton belt. Among the most important ingredients in fertilizers are ammoniates, of which cottonseed meal is one of the best. It is largely on this account that the oil mills have taken up the mixing and manufacture of fertilizers. For the season of 1913–14, 179 oil mills reported the manufacture of 402,417 tons of commercial fertilizers, valued at $8,630,355. These establishments were located in 10 states, distributed as follows: In Alabama, 23; Arkansas, 8; Florida, 1; Georgia, 62; Louisiana, 6; Mississippi, 9; North Carolina, 26; South Carolina, 30; Tennessee, 1; and Texas, 13. These establishments do not represent all those which use cottonseed-oil meal in this manufacture. Large quantities of meal are also consumed by establishments primarily engaged in the manufacture of fertilizers, these, in many instances, being controlled by the same interests which operate the oil mills. In addition to the quantity of meal used in the manufacture of fertilizers by oil mills and fertilizer factories, large amounts are sold as such for use as fertilizer. However, it is probable that meal unmixed with other materials is not now being used for this purpose to so great an extent as in earlier years.

TABLE 56.—QUANTITY OF SEA-ISLAND COTTON GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES.

[Cotton shown in this table is also included in Tables 4 and 5.]

COUNTY.	SEA-ISLAND CROP (BALES)—					SEA-ISLAND COTTON GINNED TO DEC. 13 (BALES)—				
	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
FLORIDA.										
The state	28,094	33,662	25,587	22,334	41,270	26,721	30,488	24,126	19,505	35,585
Alachua	6,119	6,928	5,912	5,203	9,839	5,980	6,436	5,725	4,661	9,055
Baker	1,167	823	724	447	1,112	1,162	657	701	300	983
Bradford	3,071	3,348	2,649	1,899	4,855	3,023	3,086	2,596	1,660	4,467
Columbia	1,983	2,825	2,296	1,566	3,106	1,895	2,605	2,265	1,421	2,982
Hamilton	3,868	5,407	3,778	2,524	4,196	3,761	4,645	3,538	2,086	3,499
Jackson	153	64	80	131	262	150	48	28	89	200
Jefferson	145	116	125	210	292	138	108	125	195	280
Lafayette	449	715	697	628	1,045	403	647	605	581	1,004
Madison	5,833	6,400	4,275	4,684	9,707	5,458	5,920	3,937	4,010	7,589
Suwannee	4,894	6,432	4,532	4,391	5,678	4,385	5,772	4,225	3,993	5,023
Taylor	(1)	305	181	231	363	(1)	311	160	199	319
All other	412	239	338	420	815	366	163	221	310	184
GEORGIA.										
The state	57,572	42,395	43,305	43,736	72,904	52,937	37,395	39,014	35,418	58,008
Appling[2]	1,063	820	1,815	2,679	4,590	957	1,358	1,606	2,107	3,514
Bacon[2]	1,426	937	.....	.....	.....	1,246	.....	.....	.....	.....
Berrien	13,015	8,649	8,003	7,929	11,535	12,292	7,777	7,348	6,788	9,536
Brooks	4,381	1,645	2,028	2,117	2,586	4,222	1,525	1,899	1,732	2,227
Bulloch[3,4]	2,369	1,823	4,457	6,339	9,268	2,132	1,761	3,837	5,323	6,985
Candler[3]	470	151	.....	.....	.....	419	.....	.....	.....	.....
Clinch	686	855	555	779	1,040	645	701	461	477	757
Coffee	5,190	2,723	3,109	4,125	8,372	4,833	2,189	2,741	3,116	6,499
Colquitt	1,472	564	950	1,067	2,067	1,422	533	882	957	1,728
Echols	(1)	296	89	224	530	(1)	91	89	208	489
Emanuel[3]	461	.....	55	173	141	416	14	55	128	125
Evans[4]	1,958	1,435	.....	.....	.....	1,685	.....	.....	.....	.....
Lowndes	12,429	11,404	10,519	6,558	11,819	11,594	10,571	9,766	5,693	10,198
Pierce[2]	4,347	4,241	2,981	2,540	5,585	3,756	3,950	2,631	1,762	4,505
Tattnall[3,4]	3,657	3,813	5,397	4,936	9,066	3,089	4,405	4,751	3,941	6,823
Ware[2]	569	421	578	568	708	517	357	520	465	617
Wayne	2,659	2,165	1,893	1,726	3,204	2,379	1,845	1,718	1,244	2,397
All other	1,420	453	876	1,976	2,324	1,333	318	710	1,477	1,608
SOUTH CAROLINA.										
The state	6,178	5,597	8,671	7,707	5,119	4,452	3,518	6,380	5,522	4,442
Beaufort	860	997	1,662	1,213	649	456	477	721	515	491
Charleston	5,306	4,600	7,009	6,479	4,457	3,984	3,041	5,659	4,999	3,947
All other	12	.....	.....	15	13	12	.....	.....	8	4

[1] Included in "All other counties," to avoid disclosure of individual operations.
[2] Bacon County organized from parts of Appling, Pierce, and Ware, Jan. 1, 1915.
[3] Candler County organized from parts of Bulloch, Emanuel, and Tattnall, Jan. 1, 1915.
[4] Evans County organized from parts of Bulloch and Tattnall, Jan. 1, 1915.

TABLE 57.—NUMBER OF GINNERIES IN 1915 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES.

COUNTY.	GINNERIES		TOTAL QUANTITY GINNED.										NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—				
	Active	Idle	Number of bales (counting round as half bales)—					Number of equivalent 500-pound bales—									
	1915		1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
ALABAMA. [See map on page 91.]																	
The state	2,753	379	1,025,818	1,731,751	1,483,669	1,328,297	1,695,284	1,020,839	1,751,375	1,495,485	1,342,275	1,716,534	987,899	1,573,140	1,444,212	1,234,755	1,561,136
Autauga	42	9	9,806	24,538	20,542	17,812	20,252	9,573	24,828	20,579	17,605	20,540	9,604	22,779	20,103	17,410	19,708
Baldwin	10	2	413	810	850	1,714	3,629	424	837	848	1,747	3,711	349	754	799	1,525	3,209
Barbour	83	10	26,392	41,469	34,753	29,973	36,225	26,418	41,452	34,795	29,487	35,790	25,597	36,849	33,761	27,390	33,416
Bibb	27	5	4,332	11,883	8,343	7,300	10,066	4,407	12,427	8,969	7,661	10,505	4,177	9,471	8,043	6,825	9,110
Blount	46	2	14,449	19,787	14,901	12,372	16,256	13,576	18,849	14,582	11,988	15,190	13,379	16,991	14,549	11,389	14,984
Bullock	45	6	18,977	31,111	27,205	23,756	34,574	19,174	32,791	27,444	24,417	35,702	18,806	28,255	26,671	22,618	32,890
Butler	44	7	9,342	28,515	26,062	24,417	27,310	9,153	28,287	26,475	25,145	28,066	9,248	26,511	25,692	23,088	26,179
Calhoun	54	6	20,274	28,223	22,176	17,634	24,610	19,824	28,517	21,843	17,468	24,541	19,165	25,437	21,670	16,182	22,900
Chambers	52	9	26,535	41,621	36,286	32,682	42,862	26,355	41,771	37,186	32,166	42,879	26,218	37,469	34,300	30,614	39,119
Cherokee	62	9	20,795	26,336	21,739	16,725	23,145	20,263	26,046	21,200	16,223	22,358	19,411	23,091	21,102	15,613	20,409
Chilton	28	6	13,000	22,454	16,204	15,560	20,327	13,049	22,800	16,223	15,299	20,148	12,900	20,672	15,959	14,959	19,207
Choctaw	35	16	3,072	4,648	5,136	10,561	15,486	3,047	4,677	5,285	10,804	15,771	2,920	4,123	4,854	9,169	12,999
Clarke	66	15	4,739	11,646	10,837	17,549	21,968	4,785	12,026	11,401	18,146	22,816	4,119	9,717	9,650	14,081	18,631
Clay	57	2	17,159	20,961	17,920	16,451	21,250	16,301	20,424	17,160	15,678	20,209	15,772	18,441	16,947	14,606	19,308
Cleburne	36	1	8,475	10,387	7,681	7,188	9,684	7,968	9,967	7,000	6,537	9,200	7,970	8,653	7,345	6,272	8,718
Coffee	40	2	20,418	38,351	33,024	30,753	37,923	19,997	37,622	32,482	30,384	37,324	20,365	34,605	32,140	28,047	35,898
Colbert	21	3	14,075	18,039	15,025	11,419	13,675	14,694	18,613	15,578	11,556	14,326	13,790	17,248	14,801	10,445	12,065
Conecuh	42	6	4,885	17,256	16,276	14,919	20,138	4,784	16,901	16,814	14,561	19,840	4,692	16,441	15,685	13,719	18,667
Coosa	41	7	12,465	18,387	16,484	15,166	18,851	11,864	17,574	15,571	14,468	17,761	11,808	15,888	15,609	13,723	17,109
Covington	25	16	6,764	33,570	29,169	24,647	24,471	6,419	32,133	28,411	23,617	23,644	6,731	31,154	28,684	22,705	22,392

TABLE 57.—NUMBER OF GINNERIES IN 1915 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES—Continued.

COUNTY.	GINNERIES		TOTAL QUANTITY GINNED.										NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—				
	Active	Idle	Number of bales (counting round as half bales)—					Number of equivalent 500-pound bales—									
	1915		1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
ALABAMA—Continued.																	
Crenshaw	33	6	14,463	30,142	28,633	27,552	30,736	14,509	30,449	29,572	29,244	30,466	13,813	26,700	26,854	25,053	29,168
Cullman	47	....	24,938	33,669	24,123	20,573	27,914	24,539	34,147	23,862	20,552	27,707	23,802	30,707	23,562	19,250	25,908
Dale	38	....	20,677	31,888	29,281	27,151	31,513	19,970	30,817	27,583	26,402	30,252	20,023	27,532	28,649	24,845	30,185
Dallas	71	10	17,900	60,377	45,466	40,854	52,783	17,134	64,253	46,648	41,933	53,226	17,813	58,379	45,136	39,765	51,018
Dekalb	54	2	22,876	30,402	24,188	19,255	23,004	21,874	30,657	22,616	18,616	22,581	21,719	26,500	23,591	17,551	21,110
Elmore	51	3	20,575	33,563	30,746	27,248	32,008	20,386	33,805	30,532	27,215	32,366	19,793	31,493	29,506	25,318	28,262
Escambia	16	7	3,303	7,679	7,637	8,275	9,765	3,293	7,840	7,752	8,628	10,322	3,287	7,412	7,581	7,842	9,132
Etowah	40	....	16,590	22,588	17,838	14,285	19,687	16,086	22,773	17,388	13,831	19,470	15,061	19,423	17,342	11,966	17,236
Fayette	57	5	12,079	19,042	14,248	12,717	14,349	12,176	19,259	14,282	12,893	14,622	11,434	16,124	13,528	11,622	12,331
Franklin	23	6	14,993	19,410	13,861	11,354	14,576	15,152	19,371	13,955	11,327	14,626	13,955	17,306	13,378	9,759	12,291
Geneva	25	4	20,639	40,153	34,014	29,317	34,269	20,309	38,860	32,681	29,241	33,344	20,572	36,981	33,609	28,609	32,865
Greene	25	....	4,884	13,575	17,525	17,426	21,551	5,089	14,186	18,422	18,844	22,835	4,769	13,010	17,309	16,589	19,965
Hale	39	10	8,693	23,259	26,245	22,767	27,160	8,309	24,520	26,618	24,251	28,518	8,571	22,468	25,404	22,082	26,307
Henry	39	5	20,190	30,852	27,219	25,585	32,998	20,323	31,185	27,916	26,250	33,335	19,079	27,246	26,747	24,845	30,841
Houston	30	5	23,446	38,926	35,491	30,536	37,300	24,112	39,362	35,889	31,855	38,717	23,012	35,411	34,949	29,392	34,805
Jackson	30	3	13,396	19,919	15,565	11,699	14,181	13,782	20,417	16,091	11,999	14,901	12,691	16,752	14,694	10,459	11,647
Jefferson	53	9	8,423	12,874	7,957	7,212	10,932	8,440	12,920	7,992	7,291	11,030	7,639	10,491	7,494	6,195	9,312
Lamar	41	3	10,611	18,268	15,330	12,906	17,068	10,704	18,356	15,523	12,996	17,495	10,179	15,883	14,705	11,766	14,820
Lauderdale	39	3	24,329	28,215	22,083	17,479	23,436	24,728	28,604	22,005	17,734	24,111	23,180	26,447	21,797	15,454	19,803
Lawrence	27	1	21,310	23,530	19,018	14,934	18,687	22,636	24,264	19,870	15,499	18,825	20,550	22,298	18,502	13,182	15,590
Lee	41	5	22,336	33,283	32,583	29,239	39,616	22,524	33,656	33,854	29,169	40,202	21,866	31,300	31,502	28,326	37,471
Limestone	31	5	25,210	30,509	21,493	18,012	24,755	26,793	32,382	22,146	19,132	26,458	23,871	27,679	21,276	15,557	20,742
Lowndes	57	6	12,313	39,281	34,107	30,465	44,060	12,190	41,442	35,098	31,529	45,823	12,245	36,412	33,634	29,508	41,573
Macon	35	4	21,382	36,768	32,031	28,019	38,164	21,386	36,893	32,223	27,515	38,645	21,161	34,968	31,524	27,399	36,699
Madison	46	5	31,823	43,268	31,236	24,354	28,099	32,784	44,947	32,398	25,591	29,543	30,207	39,549	30,834	22,176	25,175
Marengo	43	7	12,891	28,507	33,493	33,673	41,778	12,651	29,955	34,277	34,245	43,416	12,718	27,888	33,008	31,967	38,945
Marion	36	4	14,243	20,133	14,890	11,968	15,453	14,217	19,505	14,610	12,023	15,870	13,858	17,740	14,555	10,818	13,774
Marshall	48	....	28,801	37,553	30,384	24,047	29,158	27,874	37,568	28,945	23,460	28,260	26,853	32,416	29,622	21,448	26,374
Mobile	4	3	142	354	264	301	909	127	354	242	292	874	116	319	228	231	464
Monroe	67	3	10,530	24,362	22,530	23,704	29,085	10,604	24,927	22,877	24,766	30,749	9,850	23,242	21,818	21,038	28,025
Montgomery	54	5	31,112	54,898	45,059	44,161	59,351	31,890	56,457	47,480	46,587	62,080	30,713	51,761	44,066	42,313	56,466
Morgan	42	....	27,400	31,590	22,071	18,477	23,452	28,447	33,568	22,883	19,005	24,484	26,070	28,005	21,629	16,511	20,626
Perry	41	10	9,853	35,510	32,326	30,767	32,586	9,713	37,484	34,001	32,195	33,909	9,683	33,104	31,759	29,151	31,256
Pickens	34	14	7,304	18,632	17,441	15,924	21,708	7,139	19,154	17,804	16,316	22,255	7,099	16,069	17,007	15,106	18,623
Pike	42	10	30,004	44,996	42,473	40,562	48,623	30,538	45,842	44,299	42,314	50,568	29,889	41,825	42,287	38,220	46,654
Randolph	55	1	19,160	27,020	23,618	19,995	26,706	18,275	25,664	22,711	18,971	25,526	18,485	24,237	22,605	17,955	24,312
Russell	61	8	21,894	37,466	31,460	25,151	37,877	21,461	37,039	32,228	25,428	38,968	21,104	33,430	29,947	23,332	34,673
St. Clair	28	....	10,719	16,011	12,182	9,920	13,671	10,590	16,388	12,314	10,005	13,933	10,152	14,073	11,817	9,152	12,555
Shelby	26	4	10,749	16,454	12,670	10,352	15,453	10,700	16,536	12,840	10,393	15,719	10,178	14,659	12,394	9,664	14,286
Sumter	29	15	5,925	11,571	15,713	19,436	23,652	5,760	11,485	16,206	19,996	24,612	5,716	10,773	15,049	18,243	21,451
Talladega	44	3	30,166	38,297	36,962	29,050	39,024	29,937	38,527	36,836	29,137	38,969	29,481	36,317	36,145	27,559	36,958
Tallapoosa	51	8	23,307	30,287	30,680	28,717	37,206	22,787	30,309	30,253	27,782	35,924	21,983	26,882	29,464	27,240	34,390
Tuscaloosa	67	6	10,963	29,027	22,024	19,570	26,040	10,991	29,744	22,860	20,254	26,904	10,486	24,552	21,244	18,395	23,065
Walker	37	10	7,606	12,226	8,225	7,184	9,498	7,563	12,292	8,205	7,114	9,401	7,177	10,339	7,983	6,549	8,122
Washington	17	4	1,096	2,073	1,607	2,250	4,431	1,105	2,135	1,655	2,287	4,629	1,124	1,550	1,500	2,053	3,795
Wilcox	55	14	8,916	30,700	30,058	28,299	39,169	8,621	30,849	30,198	28,627	40,426	8,899	29,631	29,669	27,272	37,660
Winston	28	4	9,291	12,652	9,058	6,977	9,141	8,546	11,736	8,339	6,584	8,717	8,862	11,048	8,855	6,248	7,368
ARKANSAS. [See map on page 92.]																	
The state	1,769	206	789,583	999,237	1,038,293	770,937	908,014	816,002	1,016,170	1,072,846	792,048	939,302	722,184	893,965	885,979	703,329	746,802
Arkansas	10	2	3,062	4,605	6,030	5,207	6,480	3,044	4,507	6,201	5,379	6,857	2,958	3,989	4,830	4,846	4,804
Ashley	20	4	15,552	15,815	21,993	16,823	12,199	16,557	16,033	22,895	17,627	12,411	15,406	15,282	18,286	16,041	11,005
Baxter	23	5	965	2,062	2,645	2,236	3,151	962	2,071	2,622	2,282	3,199	679	1,766	2,330	2,037	2,424
Boone	4	....	250	790	581	481	956	218	813	590	480	981	185	610	458	413	730
Bradley	19	2	5,168	7,301	7,468	5,718	4,481	5,197	7,285	7,450	5,833	4,712	4,992	6,748	7,116	5,557	4,035
Calhoun	22	1	4,960	6,596	6,834	5,864	4,784	5,115	6,692	7,214	5,862	4,774	4,849	6,129	6,408	5,711	4,204
Chicot	33	4	15,433	20,158	22,307	10,427	11,962	15,822	20,182	22,894	10,152	11,744	13,874	15,544	16,276	6,836	6,637
Clark	32	3	8,950	11,405	13,607	9,533	10,800	9,142	11,353	14,042	9,562	10,750	8,816	10,898	12,617	9,236	10,026
Clay	14	2	9,636	13,677	12,194	11,575	17,740	10,075	14,366	12,548	11,936	20,011	8,824	12,220	11,461	10,136	13,844
Cleburne	14	1	2,981	5,132	4,775	3,604	4,027	3,076	5,186	5,022	3,706	4,145	2,672	4,872	4,577	3,465	3,528
Cleveland	28	1	8,769	10,834	10,865	9,093	7,089	8,769	10,455	10,961	8,978	7,031	8,513	10,142	10,035	8,922	6,594
Columbia	48	5	19,479	26,162	23,288	20,299	18,547	20,044	26,366	23,940	20,677	18,963	19,185	25,146	22,071	20,017	18,169
Conway	36	3	16,123	19,996	20,320	16,434	13,971	16,603	20,812	21,178	16,625	14,379	14,377	19,029	18,516	15,570	12,806
Craighead	17	1	13,412	14,609	14,671	9,511	16,315	13,354	14,992	15,204	9,980	17,025	11,947	12,382	13,238	8,096	11,609
Crawford	21	4	8,201	18,826	18,892	17,210	19,147	8,473	19,598	19,160	17,530	19,438	6,995	17,363	17,219	16,319	17,028
Crittenden	49	....	38,409	49,933	35,535	20,051	42,905	39,769	51,980	38,392	21,531	45,865	32,500	37,429	28,630	14,761	31,956
Cross	14	....	8,765	10,339	7,957	5,257	9,744	9,121	10,219	8,067	5,769	10,290	8,041	8,891	7,028	4,171	6,844
Dallas	26	2	3,946	5,471	5,344	4,664	4,614	4,000	5,390	5,401	4,669	4,606	3,775	4,848	4,980	4,439	4,102
Desha	26	9	14,664	16,345	16,047	11,143	12,473	15,248	16,695	16,759	11,422	12,578	14,107	13,437	10,753	10,085	9,810
Drew	27	....	13,468	15,976	18,006	14,345	12,736	13,745	15,784	17,938	14,339	12,853	13,052	14,701	14,606	13,723	10,954
Faulkner	31	1	17,906	23,068	25,306	20,685	18,029	18,551	24,060	26,500	21,636	18,480	16,722	22,018	22,845	19,861	16,409
Franklin	28	3	9,346	14,141	12,395	12,814	16,126	9,428	14,121	12,360	12,783	16,265	8,601	13,522	11,963	12,514	14,662
Fulton	14	1	1,349	1,812	4,063	2,786	4,904	1,363	1,825	4,126	2,818	5,139	1,069	1,568	3,578	2,602	3,965
Garland	15	1	1,790	1,550	2,158	1,827	3,022	1,778	1,608	2,200	1,699	3,036	1,602	1,379	2,009	1,712	2,544
Grant	18	2	3,856	5,022	5,796	4,614	4,218	3,720	4,775	5,722	4,553	4,183	3,401	4,583	5,267	4,387	3,634
Greene	16	3	7,944	12,322	9,938	7,622	11,558	8,047	12,573	9,819	7,770	11,900	6,842	9,642	9,001	6,339	8,461
Hempstead	32	6	12,318	17,532	19,455	15,566	17,081	12,530	17,536	20,043	15,759	17,358	12,251	17,241	19,108	15,456	16,763
Hot Spring	22	....	3,688	4,486	4,617	4,260	4,438	3,676	4,370	4,542	4,198	4,283	3,557	4,182	4,301	4,145	4,012
Howard	23	1	8,008	8,816	10,176	9,715	10,343	8,167	8,435	10,548	10,049	10,740	7,814	8,601	10,030	9,612	9,796
Independence	27	9	6,574	7,629	13,036	9,823	9,649	6,590	7,614	13,104	9,872	9,751	5,915	6,996	12,015	9,353	8,627

TABLE 57.—NUMBER OF GINNERIES IN 1915 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES—Continued.

COUNTY.	GINNERIES		TOTAL QUANTITY GINNED.										NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—				
	Active	Idle	Number of bales (counting round as half bales)—					Number of equivalent 500-pound bales—									
	1915		1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
ARKANSAS—Continued.																	
Izard	37	3	2,814	3,411	5,447	4,064	5,192	2,832	3,419	5,292	4,116	5,283	2,559	3,128	5,092	3,867	4,442
Jackson	32	4	26,776	23,744	32,927	20,949	28,755	26,824	23,739	33,427	21,024	29,537	25,252	22,047	26,652	19,228	21,528
Jefferson	76	5	40,383	46,325	60,047	38,837	32,745	40,787	45,936	60,900	39,155	33,282	36,398	39,916	40,489	33,925	26,231
Johnson	21	1	9,309	14,179	11,483	11,079	12,539	9,017	13,527	11,357	11,057	12,715	8,470	13,554	10,252	10,496	10,454
Lafayette	17	1	6,840	11,981	13,775	11,096	10,634	7,053	12,017	14,293	11,422	10,959	6,736	11,729	12,528	10,635	10,073
Lawrence	26	3	16,613	15,991	17,794	11,289	18,251	16,935	16,237	18,153	11,646	19,485	15,145	15,249	15,808	9,950	14,322
Lee	35	3	23,944	26,994	27,329	17,415	24,249	26,836	29,348	30,559	20,006	27,634	21,594	21,063	20,953	14,672	18,295
Lincoln	26	6	16,466	17,109	22,084	17,281	13,995	16,469	16,616	21,974	17,461	14,121	15,152	15,353	17,053	14,519	10,797
Little River	11	4	5,527	12,382	14,616	13,826	13,815	5,753	12,758	15,648	14,277	13,840	5,357	11,841	13,430	13,221	12,589
Logan	35	3	15,251	22,168	20,122	19,135	23,396	15,876	22,598	20,657	19,759	24,065	14,081	21,105	19,116	18,613	21,517
Lonoke	47	5	34,770	31,072	41,172	27,621	25,411	36,175	31,979	43,683	28,046	26,132	31,539	28,742	31,373	25,560	20,111
Marion	14	4	886	1,979	2,128	1,545	2,337	886	2,022	2,136	1,568	2,428	706	1,786	1,813	1,250	1,843
Miller	21	10	6,908	12,161	12,583	10,461	9,848	7,039	12,341	13,001	10,729	10,055	6,708	11,033	10,906	9,949	8,894
Mississippi	47	....	45,067	62,125	47,180	28,090	54,084	48,267	64,946	49,765	29,697	57,740	38,506	51,323	38,526	23,184	41,105
Monroe	20	3	12,538	15,928	16,170	11,097	16,592	13,724	16,903	18,101	12,054	18,138	11,932	13,894	14,067	10,115	12,342
Montgomery	19	9	2,181	3,569	3,922	3,731	5,266	2,146	3,436	3,884	3,550	5,064	1,886	3,361	3,833	3,487	4,751
Nevada	29	1	11,523	14,655	13,043	10,956	11,759	11,601	14,743	13,280	11,177	11,627	10,738	11,304	12,717	9,685	10,786
Newton	3	4	175	668	535	353	614	181	669	537	347	630	96	340	398	252	235
Ouachita	35	5	6,747	9,195	9,304	8,202	7,304	6,809	9,072	9,395	8,242	7,247	6,559	8,695	8,829	7,957	6,734
Perry	15	1	4,290	5,439	6,190	5,167	5,887	4,430	5,476	6,277	5,265	5,960	4,046	5,249	5,722	4,956	5,160
Phillips	42	1	33,139	40,462	40,737	24,414	31,854	35,756	42,000	43,385	26,294	33,485	29,840	35,414	30,848	20,992	24,429
Pike	15	4	2,366	3,648	4,101	2,896	3,387	2,368	3,539	4,130	2,835	3,413	2,268	3,483	3,897	2,879	3,153
Poinsett	12	....	11,160	11,304	7,005	3,868	9,361	11,647	11,173	7,316	4,079	9,881	10,026	9,723	5,616	3,007	6,100
Polk	13	1	2,501	4,069	3,619	3,915	5,865	2,476	4,099	3,644	3,895	6,101	2,122	3,909	3,537	3,859	5,391
Pope	30	....	17,093	22,687	21,461	20,084	19,028	17,609	22,832	21,568	20,341	19,192	15,278	21,181	19,827	19,134	15,941
Prairie	18	1	6,881	6,736	9,299	7,109	8,627	7,233	6,915	9,794	7,486	8,912	6,472	5,748	7,865	6,587	6,413
Pulaski	50	3	20,269	21,765	24,236	18,087	15,941	20,731	22,361	24,362	18,756	16,693	17,102	19,312	18,266	14,785	12,306
Randolph	14	4	5,968	7,555	8,485	5,214	11,139	5,948	7,960	8,928	5,381	11,721	5,437	7,503	7,817	4,680	8,422
St. Francis	25	4	24,046	25,031	26,336	15,048	23,325	25,431	25,797	27,484	15,563	24,011	22,084	21,968	21,370	12,542	18,487
Saline	19	1	3,162	7,003	7,436	5,662	4,741	3,072	6,888	7,610	5,420	4,716	2,990	6,537	6,205	5,362	4,441
Scott	22	2	6,082	10,149	8,983	7,155	12,648	6,108	10,202	9,060	7,129	12,691	5,591	9,580	8,536	6,904	11,101
Searcy	7	5	514	1,841	1,795	1,396	2,396	500	1,851	1,959	1,425	2,477	445	1,522	1,609	1,209	2,055
Sebastian	22	1	7,928	16,432	14,800	11,880	19,049	8,114	16,748	14,957	12,167	19,441	6,941	15,749	14,086	11,450	17,095
Sevier	15	4	3,377	6,715	7,541	7,498	7,697	3,443	6,757	7,886	7,639	7,731	3,298	6,395	7,393	7,394	7,303
Sharp	17	2	2,534	3,015	4,908	3,454	4,642	2,545	3,018	4,819	3,441	4,645	2,261	2,863	4,508	3,293	3,979
Stone	14	7	456	1,012	1,176	827	1,342	462	1,007	1,181	820	1,372	373	845	925	712	1,045
Union	51	2	11,310	16,041	15,431	11,430	6,238	11,335	15,656	15,258	11,505	6,374	10,969	14,710	14,363	11,124	5,371
Van Buren	14	2	3,747	6,039	5,225	5,027	5,271	3,902	6,278	5,449	5,332	5,540	3,234	5,693	4,918	4,898	4,671
White	38	5	15,484	19,609	22,171	16,207	16,346	15,787	19,735	22,579	16,333	16,608	13,861	18,565	20,637	15,614	13,314
Woodruff	20	1	21,746	22,194	25,347	17,601	19,730	23,497	23,175	27,006	18,625	20,964	20,199	19,513	20,568	15,465	14,214
Yell	36	5	15,840	22,445	24,051	20,694	23,225	16,214	22,701	24,710	21,508	23,645	14,412	21,282	22,070	19,356	19,290
FLORIDA. [See map on page 93.]																	
The state	203	58	55,354	90,648	66,700	58,833	94,471	47,831	81,255	58,695	52,760	83,388	53,405	80,909	63,082	52,895	81,952
Alachua	21	6	6,172	8,083	6,090	5,203	9,839	4,483	6,198	4,197	3,658	7,015	6,028	7,458	5,883	4,661	9,055
Baker	4	1	1,167	1,063	807	471	1,162	882	820	603	351	891	1,162	869	773	308	1,033
Bradford	11	2	3,074	3,590	2,673	1,899	4,855	2,249	2,746	1,923	1,343	3,562	3,026	3,302	2,596	1,660	4,467
Columbia	13	3	2,073	3,785	2,607	1,633	3,192	1,575	3,176	2,018	1,226	2,512	1,985	3,608	2,576	1,482	3,061
Gadsden	8	3	506	1,063	735	1,040	2,984	475	1,028	709	1,023	2,995	465	379	313	387	542
Hamilton	9	4	3,869	5,437	3,805	2,524	4,196	2,777	3,986	2,596	1,659	2,837	3,761	4,670	3,560	2,086	3,499
Holmes	8	6	1,034	5,315	3,747	3,151	4,188	1,047	5,319	3,649	3,167	4,209	1,033	4,810	3,473	2,853	3,789
Jackson	26	....	14,867	23,872	18,285	16,233	21,385	14,888	23,266	18,079	16,473	21,269	14,725	21,935	17,842	15,255	19,977
Jefferson	22	3	4,189	7,021	4,683	3,571	6,615	3,916	6,914	4,336	3,255	6,527	4,074	6,429	4,419	3,442	6,084
Lafayette	5	....	449	715	697	628	1,045	352	567	516	504	836	403	647	605	581	1,004
Leon	16	....	3,663	5,592	4,055	4,019	6,267	3,537	5,612	3,921	3,844	6,050	3,561	4,799	3,860	3,810	5,949
Madison	12	4	6,444	8,966	5,340	5,287	11,021	5,160	7,458	4,347	4,326	9,006	6,047	8,235	4,925	4,577	8,778
Okaloosa [1]	6	4	419	.....	.....	.....	.....	417	.....	.....	.....	.....	401	.....	.....	.....	.....
Suwannee	18	....	4,940	6,996	4,616	4,391	5,678	3,688	5,428	3,439	3,391	4,353	4,412	6,238	4,295	3,993	5,023
Taylor	[2]	....	[2]	365	181	231	363	[2]	296	141	184	292	[2]	311	160	199	319
Walton [1]	6	9	98	2,739	2,768	1,727	2,834	93	2,625	2,753	1,583	2,708	91	2,352	2,577	1,613	2,447
Washington	4	....	978	2,769	1,667	1,579	1,545	985	2,736	1,664	1,583	1,585	978	2,195	1,625	1,491	1,241
All other	14	13	1,412	3,277	3,944	5,246	7,302	1,307	3,080	3,804	5,190	6,741	1,253	2,672	3,600	4,497	5,684
GEORGIA. [See map on page 94.]																	
The state	3,704	558	1,937,730	2,723,094	2,346,237	1,812,778	2,794,295	1,908,673	2,718,037	2,316,601	1,776,546	2,768,627	1,861,362	2,451,644	2,215,308	1,675,670	2,517,357
Appling [3]	12	3	3,690	6,828	7,916	5,668	9,178	3,325	6,539	7,205	4,887	7,541	3,483	9,920	7,261	4,769	7,384
Bacon [3]	10	....	2,718	4,591	.....	.....	.....	2,285	4,305	.....	.....	.....	2,474	.....	.....	.....	.....
Baker	11	....	6,372	11,602	7,966	6,989	10,393	6,313	11,512	8,063	7,018	10,146	6,239	10,666	7,706	6,747	9,765
Baldwin	16	5	9,562	14,385	11,643	11,289	16,322	9,526	14,719	11,680	11,375	17,357	9,181	13,128	11,159	10,809	14,436
Banks	30	1	10,581	11,211	12,114	9,129	15,294	10,001	10,361	11,683	8,289	13,945	9,686	9,376	10,833	8,084	13,556
Barrow [4]	26	2	15,312	18,181	.....	.....	.....	14,730	17,676	.....	.....	.....	14,656	.....	.....	.....	.....
Bartow	32	6	20,210	28,172	24,235	18,943	27,413	20,424	28,927	26,848	18,829	26,832	19,107	25,798	23,220	17,068	25,561
Ben Hill	12	5	9,831	14,234	10,373	8,117	12,555	9,636	14,080	9,995	7,398	11,686	9,477	13,166	9,611	7,640	11,000
Berrien	15	5	19,108	20,953	18,291	13,283	20,291	15,637	18,762	16,067	11,232	18,046	18,206	18,909	17,163	11,723	17,626
Bibb	21	4	8,777	14,340	10,690	9,357	17,161	8,853	14,618	10,818	9,434	17,765	8,095	13,276	9,788	8,679	15,962
Bleckley [5]	18	3	9,972	14,570	12,985	8,907	.....	10,405	15,281	13,915	9,269	.....	9,876	13,669	12,669	8,729	.....
Brooks	28	2	16,581	19,129	14,535	10,325	15,877	15,871	19,425	14,141	9,859	15,878	16,185	17,988	14,135	9,565	14,542
Bryan	12	3	2,120	4,122	3,385	2,472	4,679	1,940	3,865	3,067	2,343	4,290	2,042	3,634	3,237	2,293	4,149

[1] Okaloosa County organized from parts of Santa Rosa and Walton.
[2] Included in "All other counties," to avoid disclosure of individual operations.
[3] Bacon County organized from parts of Appling, Pierce, and Ware, Jan. 1, 1915.
[4] Barrow County organized from parts of Gwinnett, Jackson, and Walton, Jan. 1, 1915.
[5] Bleckley County organized from part of Pulaski.

TABLE 57.—NUMBER OF GINNERIES IN 1915 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES—Continued.

COUNTY.	GINNERIES		TOTAL QUANTITY GINNED.										NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—				
	Active	Idle	Number of bales (counting round as half bales)—					Number of equivalent 500-pound bales—									
	1915		1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
GEORGIA—Continued.																	
Bulloch [1,2]	58	10	21,753	38,836	41,667	22,506	40,279	21,006	38,703	38,990	20,597	37,979	20,793	43,769	39,277	20,617	33,970
Burke	87	24	41,611	60,820	53,687	34,282	57,086	42,629	63,524	55,560	34,844	59,781	40,144	53,749	49,320	32,782	46,984
Butts	17	6	11,677	17,015	14,958	12,540	18,367	12,013	17,641	15,485	13,049	18,881	11,430	15,209	14,181	11,574	16,860
Calhoun	19	2	13,692	19,954	17,799	14,408	20,592	13,424	19,830	17,443	14,373	20,522	13,315	18,254	17,144	13,712	19,888
Camden	3	1	128	531	267	[3]	[3]	105	476	256	[3]	[3]	102	173	182	[3]	[3]
Campbell	20	1	13,777	17,612	14,365	10,722	16,499	13,879	18,119	14,552	10,681	16,753	13,317	15,543	13,756	9,244	14,834
Candler [1]	18	5	7,438	12,158				7,570	12,177				7,318				
Carroll	49	4	38,625	45,371	39,878	32,364	44,421	36,578	43,729	37,844	30,467	41,569	35,927	39,526	38,464	27,895	41,193
Catoosa	6	1	1,545	2,156	1,766	1,421	2,353	1,523	2,070	1,660	1,320	2,118	1,370	1,500	1,707	1,286	200
Charlton	3	1	370	642	342	[3]	[3]	233	608	306	[3]	[3]	323	460	111	[3]	[3]
Chattahoochee	33	4	4,293	8,781	6,336	6,339	8,987	4,152	8,769	6,401	6,377	9,079	4,185	7,998	5,987	5,702	7,976
Chattooga	19	5	11,810	15,582	13,664	10,611	14,442	11,305	15,196	12,811	9,841	14,439	10,732	12,948	13,284	9,777	13,269
Cherokee	47	....	10,971	13,746	12,727	10,180	14,864	9,938	12,624	11,050	8,828	13,226	9,880	12,144	11,979	8,927	13,561
Clarke	18	1	12,189	14,200	13,291	10,995	15,646	11,962	14,311	13,025	10,472	15,224	11,732	12,132	11,952	10,378	14,420
Clay	15	7	8,793	15,449	13,333	10,049	15,963	8,800	15,848	13,944	10,322	16,825	8,498	14,564	13,136	9,861	15,161
Clayton	19	1	11,777	15,139	12,459	10,049	16,256	11,958	15,318	12,040	9,947	16,132	11,548	13,651	11,527	9,032	14,982
Clinch	5	....	1,202	1,691	1,171	1,051	1,607	1,015	1,503	963	839	1,370	854	1,440	889	701	1,223
Cobb	42	6	19,388	25,636	20,180	16,733	25,668	18,411	24,677	18,723	15,374	23,250	18,222	23,039	19,171	14,377	23,500
Coffee	29	4	20,144	26,427	19,453	13,409	20,389	18,605	24,947	18,185	12,128	18,128	19,008	23,730	18,205	11,540	17,160
Colquitt	18	3	19,690	26,858	22,405	17,414	24,978	19,281	26,345	22,147	16,796	24,547	18,990	26,059	21,953	16,682	23,047
Columbia	28	8	11,905	17,866	16,185	10,479	20,633	12,453	18,452	16,891	10,448	20,910	11,491	16,179	15,484	10,310	19,217
Coweta	33	3	26,870	40,240	30,500	28,699	44,985	27,364	40,980	30,652	28,182	45,669	26,130	35,697	27,857	25,749	41,232
Crawford	18	10	5,051	8,838	6,453	5,891	10,268	5,278	8,948	6,503	5,909	10,621	4,943	7,766	5,830	5,814	9,414
Crisp	20	3	19,932	28,114	24,283	22,093	26,730	20,119	28,395	24,196	21,885	26,880	19,383	27,188	23,724	20,965	24,164
Dawson	12	3	1,786	2,541	2,054	1,645	2,757	1,512	2,267	1,760	1,389	2,272	1,605	1,949	1,843	1,335	2,377
Decatur	23	....	13,933	20,556	14,854	11,660	18,321	13,585	21,074	15,023	11,444	18,581	13,455	17,978	14,271	10,596	16,311
Dekalb	27	4	11,918	16,449	12,513	9,563	16,463	11,460	16,160	12,032	6,467	15,910	11,461	15,110	11,696	8,173	15,314
Dodge	31	1	24,840	37,791	34,503	22,617	37,622	25,039	38,108	34,758	22,816	38,480	23,881	35,246	33,087	21,907	33,777
Dooly	32	6	33,726	44,100	39,365	29,953	46,509	34,306	45,317	40,373	30,163	47,560	33,139	41,568	37,958	28,097	40,528
Dougherty	20	7	13,089	22,331	17,362	15,536	22,587	13,149	22,670	17,782	16,080	23,396	12,415	20,454	16,465	14,576	20,386
Douglas	18	2	10,059	13,238	10,549	8,114	11,734	9,502	12,806	9,988	7,483	10,861	9,606	11,164	10,159	6,970	10,872
Early	18	6	17,703	27,695	19,386	16,316	21,778	18,284	28,360	19,882	16,779	23,215	17,365	25,937	18,949	15,440	20,497
Effingham	17	3	2,812	5,566	4,321	3,291	4,930	2,724	5,342	4,197	3,192	4,791	2,640	4,916	3,984	2,751	4,147
Elbert	37	9	20,291	22,394	22,615	16,047	27,797	18,858	21,364	21,353	14,834	25,890	19,428	19,583	21,431	14,733	25,887
Emanuel [1]	33	....	27,743	40,190	41,298	22,934	39,699	27,782	40,929	41,394	23,031	40,789	27,134	38,572	38,121	21,590	33,038
Evans [2]	17	1	5,851	9,125				5,159	8,507				5,462				
Fayette	20	3	13,011	18,596	13,669	12,104	19,718	13,003	18,529	13,491	12,211	20,022	12,786	16,655	12,484	11,258	17,888
Floyd	42	5	19,123	27,579	21,913	17,415	23,942	18,859	27,822	20,905	17,154	22,874	17,518	24,463	21,050	15,658	21,068
Forsyth	38	4	10,044	11,924	10,719	9,528	14,827	8,941	11,042	9,482	8,246	13,030	9,402	10,285	9,769	7,307	13,468
Franklin	46	7	23,979	22,999	25,253	20,726	30,563	22,363	21,923	23,859	19,831	29,029	22,588	18,919	22,797	18,810	28,157
Fulton	8	1	2,184	2,937	2,544	1,768	3,518	2,116	2,889	2,448	1,680	3,246	2,133	2,635	2,363	1,508	2,417
Glascock	15	4	4,017	4,900	3,874	3,156	5,253	4,119	5,220	3,989	3,508	5,537	3,851	4,261	3,645	2,770	4,713
Gordon	20	3	14,669	17,512	15,144	13,819	15,456	13,947	16,675	14,644	13,474	14,785	13,773	15,400	14,732	12,436	14,424
Grady	19	3	6,879	9,088	6,123	5,822	9,039	6,632	8,765	5,840	5,477	8,713	6,545	8,136	5,705	5,216	8,031
Greene	23	7	15,004	20,299	18,158	14,528	25,379	15,181	20,888	18,252	14,697	25,709	14,581	18,092	17,350	13,782	23,015
Gwinnett [4]	64	5	25,516	31,910	29,878	21,658	34,463	24,225	31,087	28,265	19,934	32,444	24,366	31,360	27,925	19,066	32,170
Habersham	7	2	1,291	2,157	1,841	1,438	2,074	1,169	1,905	1,610	1,294	1,832	1,101	1,575	1,711	1,258	1,606
Hall	63	7	14,625	19,538	17,282	14,395	23,207	13,198	17,369	14,914	12,581	20,134	13,616	15,524	15,110	11,295	20,359
Hancock	31	6	18,540	24,561	18,259	15,766	25,636	18,677	25,077	18,274	15,832	25,933	18,136	22,199	17,997	15,499	23,230
Haralson	21	7	10,652	14,771	12,534	10,176	15,302	10,243	14,340	11,594	9,319	13,845	10,235	12,312	12,132	8,870	14,313
Harris	36	5	19,752	29,754	21,566	22,890	30,915	19,898	30,090	24,689	22,812	31,416	19,574	27,444	23,018	21,710	29,239
Hart	42	....	17,087	18,584	22,224	15,223	25,648	16,520	18,190	21,499	14,611	24,622	16,529	16,102	20,885	14,138	24,415
Heard	24	7	10,921	16,349	13,816	12,525	21,900	10,895	16,427	13,493	12,272	21,589	10,475	14,922	13,310	11,709	20,645
Henry	29	3	23,083	32,690	28,657	21,926	34,660	22,691	32,971	29,259	22,268	34,542	22,546	29,233	26,048	20,057	32,820
Houston	54	14	15,977	26,626	22,554	15,841	31,795	16,431	27,542	22,852	16,218	32,425	15,455	25,085	21,322	15,339	29,301
Irwin	17	....	16,780	22,049	19,519	13,794	22,990	17,084	22,142	18,625	12,726	21,723	16,486	20,013	18,506	13,233	20,010
Jackson [4]	64	....	31,359	32,929	44,550	34,070	53,335	29,622	32,014	41,913	31,971	49,719	29,438	35,064	40,098	30,686	48,365
Jasper	31	3	20,944	29,223	26,224	22,108	31,460	21,367	29,895	26,943	22,997	32,794	20,487	25,605	24,253	20,905	28,912
Jeff Davis	9	1	3,223	5,243	4,284	3,288	5,277	3,117	4,924	4,182	3,150	5,098	3,129	4,737	4,174	3,079	4,404
Jefferson	46	7	23,066	33,011	28,311	20,546	33,454	24,551	33,955	29,545	20,751	34,063	22,942	29,921	26,933	19,924	30,290
Jenkins	44	6	14,052	22,336	21,152	12,171	23,085	13,987	22,622	21,152	12,529	23,768	13,708	20,418	19,960	11,862	19,653
Johnson	25	1	15,665	26,488	19,810	14,579	21,755	16,082	26,583	20,048	14,535	22,060	15,423	23,684	19,112	13,634	19,030
Jones	30	7	11,035	16,887	13,806	13,631	21,263	10,832	17,289	14,041	14,318	22,279	10,624	15,419	12,882	12,804	19,597
Laurens	53	13	40,990	59,558	53,740	37,921	60,920	41,318	59,046	54,245	36,563	61,797	39,489	52,358	50,340	36,077	52,389
Lee	30	12	10,084	17,953	17,421	12,376	21,508	10,070	18,229	17,351	12,361	21,753	9,848	17,114	16,611	11,587	19,814
Liberty	9	1	1,000	2,818	1,520	1,265	3,145	902	2,519	1,414	1,002	3,058	924	2,106	1,368	1,008	2,408
Lincoln	25	3	8,369	10,838	10,002	8,470	11,785	8,672	11,256	10,448	8,741	12,077	7,945	9,422	9,411	7,442	9,925
Lowndes	21	5	12,783	14,053	12,084	6,908	12,723	10,335	11,875	10,112	5,449	10,570	11,923	12,932	11,150	5,966	10,970
Lumpkin	6	....	869	887	744	615	960	724	774	641	503	796	778	598	638	527	740
McDuffie	20	4	9,795	11,667	10,074	7,404	13,892	10,261	12,400	10,400	7,582	14,720	9,504	10,408	9,617	7,098	12,690
Macon	32	3	11,728	22,255	17,915	14,002	20,446	11,465	22,282	17,976	14,128	20,638	11,285	20,733	17,358	13,502	19,007
Madison	43	3	22,710	23,845	26,166	20,203	30,852	21,007	22,777	24,345	18,890	29,248	21,874	20,836	24,767	18,668	28,708
Marion	31	4	6,121	11,492	10,175	8,692	11,031	6,061	11,644	10,147	8,621	11,113	5,933	10,194	9,596	8,088	9,909
Meriwether	32	4	26,404	39,338	32,970	31,056	43,852	26,224	40,321	33,049	30,845	43,843	26,103	36,410	31,215	29,252	41,455
Miller	6	....	5,638	7,588	6,292	5,178	4,999	5,521	7,929	6,316	5,392	5,068	5,572	6,794	6,020	4,497	4,626
Milton	22	1	7,191	8,768	8,013	7,065	10,766	6,509	8,182	7,223	6,031	9,388	6,846	7,927	7,648	6,355	9,908
Mitchell	26	....	26,403	37,385	32,734	24,798	37,040	27,372	38,140	31,765	24,946	37,702	25,452	35,133	31,814	23,475	34,288
Monroe	42	1	17,975	25,671	24,506	21,590	31,332	17,799	26,010	24,374	21,758	31,827	17,701	23,318	22,677	20,253	29,160

[1] Candler County organized from parts of Bulloch, Emanuel, and Tattnall, Jan. 1, 1915.
[2] Evans County organized from parts of Bulloch and Tattnall, Jan. 1, 1915.
[3] Included in "All other counties," to avoid disclosure of individual operations.
[4] Barrow County organized from parts of Gwinnett, Jackson, and Walton, Jan. 1, 1915.

TABLE 57.—NUMBER OF GINNERIES IN 1915 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES—Continued.

COUNTY.	GINNERIES		TOTAL QUANTITY GINNED.										NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—				
	Active	Idle	Number of bales (counting round as half bales)—					Number of equivalent 500-pound bales—									
	1915		1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
GEORGIA—Continued.																	
Montgomery[1]	17	....	13,575	19,089	16,082	11,187	27,447	13,689	19,173	16,208	11,185	28,402	13,188	16,505	15,141	10,409	24,501
Morgan	30	10	23,365	32,021	27,505	23,238	37,974	23,421	32,392	27,400	23,698	37,989	22,521	28,183	25,328	21,502	34,016
Murray	8	3	3,089	4,391	3,475	3,280	3,500	2,907	3,958	3,042	2,715	3,008	2,974	3,493	3,431	3,029	3,177
Muscogee	20	4	6,451	11,456	7,940	7,591	8,857	6,405	11,598	7,883	7,495	8,682	6,207	10,272	7,504	7,205	8,422
Newton	24	1	20,193	28,417	24,230	19,741	30,983	20,314	28,093	23,847	20,203	31,547	19,705	25,250	22,995	18,230	28,296
Oconee	19	....	17,082	18,593	17,744	12,845	20,367	17,407	18,251	17,563	12,997	20,579	16,458	17,204	16,880	12,505	18,712
Oglethorpe	45	4	24,014	26,251	26,439	21,080	31,713	23,010	26,403	26,275	20,650	31,383	21,975	22,048	24,069	19,474	27,957
Paulding	19	1	11,920	15,546	11,926	9,505	13,244	11,071	14,526	10,900	8,497	11,528	11,352	13,901	11,530	8,165	12,523
Pickens	17	2	2,500	3,486	3,183	2,768	3,799	2,311	3,189	2,964	2,459	3,248	2,342	2,978	2,957	2,486	3,441
Pierce[2]	13	1	4,842	6,905	4,931	3,183	7,340	3,779	5,727	3,885	2,432	5,718	4,190	6,631	4,500	2,317	6,033
Pike	27	3	20,545	27,431	23,204	20,783	28,923	20,911	27,842	23,348	21,037	29,357	20,413	25,440	21,873	19,925	26,872
Polk	28	2	16,187	22,934	17,718	13,400	19,875	15,452	23,108	17,176	12,869	18,961	15,392	20,584	17,172	11,967	18,209
Pulaski[3]	16	5	11,784	19,805	16,895	12,040	35,924	12,218	20,316	17,953	12,529	37,454	11,556	18,732	16,341	11,515	32,242
Putnam	30	11	12,078	16,588	14,419	11,929	20,077	12,462	17,155	14,407	12,528	20,611	11,418	14,361	13,541	11,111	17,464
Quitman	16	....	3,285	5,245	5,347	5,105	6,753	3,275	5,206	5,363	5,095	6,730	3,095	4,693	5,136	4,716	6,255
Randolph	28	5	16,990	27,759	28,153	24,084	31,790	16,297	26,943	27,967	23,756	31,799	16,180	25,832	27,745	22,685	30,173
Richmond	20	2	8,994	12,938	10,765	7,573	13,473	8,996	12,380	10,806	7,567	13,648	8,270	11,008	10,136	6,519	11,865
Rockdale	17	1	9,009	12,255	10,530	7,375	11,595	9,011	12,743	10,545	7,301	11,593	8,564	10,736	9,922	6,506	10,753
Schley	16	3	5,873	9,466	6,928	6,906	9,064	5,777	9,340	6,961	6,988	9,186	5,687	8,410	6,707	6,508	8,211
Screven	96	21	23,815	38,380	34,351	21,498	34,049	24,046	38,685	34,615	21,528	34,147	22,785	34,066	31,217	19,971	28,674
Spalding	26	2	15,732	22,476	18,526	17,386	24,812	15,993	22,710	18,515	17,689	24,812	15,002	18,809	16,224	15,672	21,972
Stephens	18	2	6,607	7,935	7,267	5,558	8,276	6,137	7,621	6,830	5,027	7,485	6,272	6,651	6,546	4,795	7,564
Stewart	21	7	11,770	19,377	16,178	15,295	20,955	11,718	19,559	16,417	15,705	21,416	11,430	17,513	15,184	13,420	19,105
Sumter	76	12	28,335	46,365	39,005	34,453	48,207	28,813	46,930	39,867	35,495	49,464	27,020	42,806	36,906	31,052	42,790
Talbot	21	4	9,619	14,114	11,443	11,070	14,247	9,771	14,537	11,608	11,331	14,486	9,553	12,697	10,752	10,561	13,352
Taliaferro	15	3	8,047	12,080	10,013	7,577	12,981	8,079	12,360	10,063	7,719	13,438	7,761	10,274	9,782	7,292	11,451
Tattnall[4]	19	6	9,014	14,982	21,340	10,386	21,338	8,075	13,888	18,546	9,128	18,862	7,998	21,684	19,737	8,580	17,082
Taylor	28	6	8,043	16,117	12,493	10,784	14,938	7,961	15,633	12,048	11,010	15,243	7,562	14,315	11,968	9,712	13,479
Telfair	22	7	15,948	21,050	16,350	12,311	18,340	15,935	20,999	16,657	12,181	18,186	15,587	19,254	15,151	11,252	15,809
Terrell	24	9	24,918	38,473	38,614	33,360	44,970	24,365	38,319	38,189	32,419	43,756	24,293	36,940	37,598	31,990	43,512
Thomas	23	2	16,627	26,221	22,634	16,921	25,233	16,578	26,252	23,696	16,056	25,081	16,285	24,766	21,745	15,880	23,922
Tift	14	....	16,642	21,966	16,412	9,885	14,970	16,600	21,808	16,195	9,582	14,808	16,365	21,270	15,828	9,166	13,669
Toombs	17	3	9,700	14,965	13,542	7,702	14,167	9,361	15,121	13,308	7,112	14,238	9,326	13,316	12,293	6,863	12,160
Troup	27	3	19,736	33,620	25,052	24,084	33,654	19,444	33,432	24,942	23,650	34,603	19,482	30,444	23,776	22,831	31,298
Turner	18	1	18,735	26,419	22,151	16,373	22,411	19,053	27,106	22,337	16,514	22,752	18,207	25,391	21,608	15,966	20,778
Twiggs	38	7	8,905	13,940	12,592	9,087	17,208	9,083	14,383	12,809	8,624	17,893	8,471	12,699	11,978	8,726	14,646
Upson	24	3	11,526	17,062	15,407	13,375	18,653	11,487	17,130	15,413	13,420	18,985	11,343	15,231	14,460	12,616	17,479
Walker	17	1	7,150	10,988	7,885	6,191	8,752	6,910	10,674	7,513	5,885	8,395	6,719	9,626	7,799	5,789	8,047
Walton[5]	43	....	30,510	40,123	45,801	32,200	50,662	29,436	38,951	44,345	31,942	50,368	29,137	42,665	43,105	30,516	46,539
Ware[2]	5	....	1,263	2,202	1,602	1,012	1,497	1,084	1,958	1,333	822	1,269	1,176	1,964	1,490	869	1,272
Warren	29	3	11,111	15,542	12,422	8,400	16,351	11,584	16,406	12,844	8,457	17,048	10,622	13,627	11,918	8,147	13,725
Washington	53	2	24,992	35,565	28,832	22,957	37,086	25,487	37,187	29,674	23,255	38,443	24,297	31,886	27,586	21,753	32,256
Wayne	17	5	4,331	7,013	5,031	2,442	5,693	3,766	6,250	4,270	1,801	4,546	3,968	6,167	4,767	1,837	4,438
Webster	15	6	4,015	6,075	5,422	4,380	7,161	3,907	6,073	5,350	4,405	7,387	3,930	5,599	5,157	4,148	6,159
Wheeler[1]	9	....	6,644	9,191	8,072	5,817	.....	6,708	9,185	8,162	5,816	.....	6,514	8,007	7,737	5,331	.....
White	5	1	527	789	664	686	1,112	474	697	581	617	982	449	628	629	578	833
Whitfield	20	1	6,258	8,260	6,242	5,012	6,932	5,826	7,870	5,714	4,581	6,280	5,875	7,194	6,160	4,624	6,375
Wilcox	25	....	21,835	31,406	26,776	18,361	25,974	22,804	31,082	27,178	19,073	26,379	20,977	29,855	25,745	16,439	22,819
Wilkes	42	12	25,439	32,625	26,936	22,634	34,990	26,197	33,760	27,771	23,263	36,299	24,319	27,668	25,363	21,288	30,470
Wilkinson	39	2	7,593	11,014	8,764	6,684	10,179	7,514	11,045	8,568	6,516	10,370	7,262	9,786	8,274	6,274	9,094
Worth	22	1	25,230	31,866	28,805	17,367	31,469	24,968	31,936	28,425	17,426	31,431	24,664	30,810	27,921	16,587	28,705
All other	8	5	983	2,005	1,057	1,093	2,783	899	1,896	970	938	2,380	658	1,248	689	786	1,061
LOUISIANA. [See map on page 95.]																	
The state	1,086	351	336,813	452,261	436,865	374,793	380,826	341,063	449,458	443,821	376,096	384,597	329,078	415,278	391,454	361,123	340,304
Acadia	9	2	4,472	10,539	8,668	7,197	7,146	4,263	10,453	8,722	7,184	7,009	4,380	9,620	8,490	7,121	6,240
Allen[6]	3	1	26	168	289	239	.....	23	154	259	272	.....	26	94	263	85	.....
Ascension	3	5	379	1,260	882	161	287	385	1,221	852	156	290	359	1,152	449	114	111
Avoyelles	35	6	18,476	22,707	15,109	12,037	19,515	19,525	23,143	15,816	12,514	20,510	18,366	22,293	14,737	11,927	19,326
Beauregard[6]	5	1	387	586	653	586	.....	382	583	625	576	.....	352	548	472	430	.....
Bienville	45	6	14,283	14,646	18,357	15,370	13,232	14,620	14,309	18,588	14,961	13,274	14,136	14,144	17,457	14,685	12,450
Bossier	46	4	19,749	26,093	26,682	21,311	21,518	20,615	26,780	27,632	21,822	21,898	19,293	24,986	22,748	20,990	20,025
Caddo	60	3	28,704	38,488	44,026	39,479	35,404	29,621	38,714	45,279	40,668	35,981	27,344	35,125	35,777	37,569	31,718
Caldwell	22	2	2,690	3,294	3,241	2,296	4,209	2,575	3,120	3,053	2,320	4,011	2,666	2,715	2,828	2,201	3,219
Cameron	5	....	498	1,899	1,559	1,768	1,377	496	1,932	1,670	1,755	1,415	419	1,195	1,162	1,394	335
Catahoula	24	6	5,085	7,971	5,471	4,641	8,609	5,063	7,912	5,531	4,052	8,785	5,035	7,344	5,115	3,719	7,528
Claiborne	57	7	18,324	24,799	26,774	22,687	20,510	18,412	23,703	27,127	22,846	20,600	18,150	23,826	25,308	22,403	19,877
Concordia	26	15	4,470	7,110	3,875	2,253	10,201	4,516	7,103	3,770	2,341	10,366	3,859	4,783	3,124	1,875	8,974
De Soto	39	3	19,881	20,901	27,188	25,300	21,159	20,625	19,927	27,094	25,528	21,704	19,696	19,767	25,714	24,864	20,555
East Baton Rouge	5	20	1,844	3,918	3,153	1,775	1,195	1,798	3,692	3,066	1,621	1,140	1,836	3,784	3,063	1,742	1,156
East Carroll	16	....	5,594	8,105	10,273	5,832	9,033	6,053	8,851	11,191	6,309	9,033	5,459	7,572	8,067	5,493	7,643
East Feliciana	15	6	2,836	5,204	3,851	3,932	3,214	2,694	5,131	3,742	3,872	3,123	2,810	5,165	3,829	3,929	3,167
Evangeline	13	3	7,283	10,564	10,067	11,019	10,186	6,759	10,467	9,829	10,120	10,017	7,283	10,248	9,810	10,815	9,156
Franklin	26	....	15,716	17,683	12,206	9,949	13,021	16,508	18,079	12,411	10,313	13,227	15,584	16,530	10,747	9,886	11,143
Grant	18	4	2,027	2,701	3,861	3,232	2,397	2,036	2,590	3,760	3,132	2,385	2,014	2,415	3,761	3,103	2,136
Iberia	3	3	60	928	778	(7)	(7)	61	959	814	(7)	(7)	60	609	682	(7)	(7)

[1] Wheeler County organized from part of Montgomery.
[2] Bacon County organized from parts of Appling, Pierce, and Ware, Jan. 1, 1915.
[3] Bleckley County organized from part of Pulaski.
[4] Parts of Tattnall County included in Candler and Evans, organized Jan. 1, 1915.
[5] Barrow County organized from parts of Gwinnett, Jackson, and Walton, Jan. 1, 1915.
[6] Allen and Beauregard Parishes organized from parts of Calcasieu.
[7] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 57.—NUMBER OF GINNERIES IN 1915 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES—Continued.

COUNTY.	GINNERIES		TOTAL QUANTITY GINNED.										NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—				
	Active	Idle	Number of bales (counting round as half bales)—					Number of equivalent 500-pound bales—									
	1915		1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
LOUISIANA—Continued.																	
Jackson	28	4	4,614	5,284	5,275	5,265	4,198	4,415	5,112	5,226	5,346	4,126	4,400	4,441	4,873	5,097	3,871
La Salle	5	2	308	642	621	642	744	283	609	599	644	759	294	527	540	583	583
Lafayette	10	2	8,476	13,657	10,902	6,986	7,746	8,308	13,968	11,035	6,891	7,676	8,441	12,589	10,026	6,960	7,167
Lincoln	37	3	8,942	10,863	9,390	8,003	6,591	9,098	10,922	9,540	8,241	6,383	8,871	10,379	8,927	7,796	6,022
Madison	14	16	3,892	4,637	6,372	4,385	11,191	4,039	4,824	6,612	4,641	11,751	3,562	3,780	4,677	4,118	7,953
Morehouse	31	5	15,455	17,168	17,608	18,838	14,163	14,964	16,807	17,841	18,992	13,908	14,715	15,209	14,480	17,615	11,256
Natchitoches	70	10	18,957	19,842	25,702	23,284	20,285	19,200	19,641	26,184	21,750	20,741	18,839	19,057	24,011	21,911	17,089
Ouachita	41	10	8,073	11,022	9,857	10,470	9,165	8,065	10,929	9,973	10,286	8,813	7,882	8,665	8,650	10,266	7,855
Pointe Coupee	17	29	2,291	4,919	2,793	878	2,650	2,270	4,888	2,808	901	2,690	2,229	4,444	2,058	804	2,392
Rapides	27	18	8,041	12,015	10,283	11,251	9,570	8,070	11,914	10,376	11,732	9,509	7,962	11,638	10,148	11,216	9,275
Red River	22	4	10,276	14,372	15,986	13,587	11,440	10,385	14,093	16,459	13,541	11,829	10,269	13,992	14,020	13,070	10,462
Richland	30	1	15,978	19,634	16,839	16,505	16,004	16,186	19,823	17,135	16,680	16,308	15,899	18,372	15,330	16,294	14,092
Sabine	22	7	6,487	8,517	9,676	7,637	6,353	6,327	8,323	9,864	7,582	6,287	6,354	7,827	8,986	7,176	5,724
St. Helena	8	9	739	1,027	875	757	789	704	933	828	683	767	735	980	834	747	853
St. Landry	45	11	13,510	22,659	15,574	14,226	16,133	12,957	21,930	14,951	13,950	15,757	13,186	21,616	15,154	14,084	15,091
St. Martin	(1)	....	(1)	1,651	990	397	1,306	(1)	1,509	982	404	1,376	(1)	613	546	366	1,290
St. Tammany	4	2	125	296	269	(1)	(1)	114	258	264	(1)	(1)	119	206	132	(1)	(1)
Tangipahoa	7	4	780	976	1,073	642	355	724	948	1,054	624	379	716	503	640	503	310
Tensas	49	30	7,000	9,790	8,305	8,399	16,212	7,477	10,191	8,484	8,694	16,392	6,567	7,653	6,678	7,839	14,937
Union	38	13	7,297	12,192	11,264	8,295	4,148	7,218	11,892	11,456	8,380	4,185	7,050	11,185	10,379	8,062	3,425
Vermilion	4	3	387	2,464	1,778	1,220	1,183	390	2,544	1,852	1,225	1,251	387	1,802	1,654	1,150	803
Vernon	19	1	826	1,664	1,467	1,078	1,147	776	1,611	1,434	1,042	1,067	783	1,324	614	556	457
Washington	18	5	2,339	2,843	2,005	1,711	1,446	2,159	2,556	1,875	1,581	1,345	2,265	2,677	1,966	1,673	1,417
Webster	27	2	10,091	13,222	13,432	10,586	9,409	10,271	13,143	14,055	10,823	9,661	9,755	11,745	11,799	10,315	8,064
West Carroll	6	....	5,415	5,887	6,194	5,066	2,787	5,809	5,997	6,330	5,260	2,785	5,339	5,733	5,961	4,961	1,997
West Feliciana	5	16	929	1,145	717	856	744	908	1,103	661	831	717	928	1,085	706	848	715
Winn	19	6	2,184	3,215	3,645	2,553	2,065	2,329	3,179	3,593	2,393	1,961	2,071	2,805	3,170	2,386	1,190
All other	8	41	617	1,094	1,010	652	789	587	988	919	617	746	383	510	358	262	312
MISSISSIPPI. [See map on page 96.]																	
The state	2,204	534	925,509	1,217,883	1,251,841	1,004,376	1,169,066	953,965	1,245,535	1,310,743	1,046,418	1,203,545	862,201	1,082,816	1,084,680	883,458	996,601
Adams	9	16	1,200	1,519	1,106	1,246	2,204	1,146	1,480	1,023	1,250	2,161	1,055	1,360	952	1,019	2,141
Alcorn	32	4	10,091	13,379	10,170	7,719	10,553	10,337	13,639	10,406	7,971	10,935	9,668	12,140	9,825	6,303	8,879
Amite	18	20	2,947	2,846	2,586	2,736	1,398	2,919	2,642	2,564	2,747	1,287	2,893	2,633	2,446	2,671	1,281
Attala	40	....	6,800	9,978	10,710	12,717	21,431	6,492	9,669	10,575	12,623	21,140	6,601	8,899	10,200	11,958	18,438
Benton	34	2	7,274	9,787	8,535	6,141	8,253	7,358	10,133	8,871	6,199	8,514	6,784	8,730	8,273	5,065	6,602
Bolivar	88	9	92,563	107,485	112,755	77,558	54,792	102,838	115,020	128,200	84,810	60,354	84,640	94,454	84,937	62,641	45,128
Calhoun	30	6	7,901	11,134	13,026	10,750	14,665	7,722	11,089	13,075	11,012	14,630	7,718	9,990	12,455	8,797	11,203
Carroll	31	2	9,363	15,287	16,154	16,080	19,705	9,234	14,993	16,393	16,315	19,768	9,254	14,383	15,285	14,830	16,147
Chickasaw	21	6	9,782	16,925	20,492	15,579	20,708	10,120	17,724	21,545	16,339	21,955	9,681	15,582	19,963	14,591	19,190
Choctaw	21	4	2,776	4,477	5,792	7,172	9,345	2,596	4,281	5,646	7,271	9,310	2,698	4,077	5,647	6,540	8,216
Claiborne	10	15	3,807	4,896	4,186	3,760	4,341	3,403	4,328	3,820	3,276	3,795	3,784	4,594	4,117	3,743	4,125
Clarke	15	7	2,097	2,438	1,654	4,833	12,965	2,168	2,479	1,730	4,973	13,486	1,907	2,059	1,561	4,428	11,245
Clay	19	3	4,979	11,241	14,695	10,556	14,014	5,034	11,736	15,538	11,016	14,493	4,955	10,822	14,505	10,084	13,200
Coahoma	83	6	68,350	87,510	80,105	63,865	43,127	71,658	87,422	82,236	65,525	45,421	55,374	68,583	56,655	50,632	31,707
Copiah	25	13	2,482	3,855	2,540	2,545	5,853	2,358	3,760	2,522	2,407	5,566	2,469	3,656	2,406	2,450	5,521
Covington	17	4	2,052	2,895	2,166	2,755	5,218	1,915	2,725	1,978	2,592	4,883	1,929	2,558	1,990	2,617	4,687
De Soto	34	2	26,466	30,308	28,889	21,100	29,938	27,688	31,690	20,935	22,687	31,788	23,125	25,249	25,268	17,733	25,116
Forrest	4	3	873	1,612	979	852	2,382	863	1,577	975	849	2,364	860	1,497	958	798	2,161
Franklin	9	11	890	1,150	600	608	690	873	1,096	595	587	654	827	865	570	557	614
Grenada	20	7	8,774	11,681	13,706	12,213	15,573	8,704	11,354	13,506	12,511	15,838	8,659	11,109	13,042	10,831	11,758
Hinds	32	11	16,258	21,391	18,641	17,798	21,585	15,735	20,878	18,518	17,503	21,356	16,161	20,777	18,323	17,682	21,255
Holmes	54	18	23,229	32,778	35,789	30,274	34,819	22,422	33,519	37,132	31,718	36,197	22,361	30,756	32,406	27,682	31,381
Issaquena	20	2	5,535	6,165	5,858	8,853	9,404	5,888	6,552	6,164	9,421	9,933	4,910	4,653	3,991	7,194	7,803
Itawamba	35	3	9,195	11,325	11,014	8,330	11,197	9,386	11,545	11,525	8,711	11,696	8,866	10,356	10,817	6,720	9,915
Jasper	24	7	3,314	3,609	2,640	4,628	12,530	3,160	3,465	2,525	4,298	12,452	3,288	3,367	2,490	4,483	11,482
Jefferson	14	15	3,116	3,740	2,986	3,490	4,565	2,883	3,498	2,867	3,086	4,152	2,927	3,013	2,761	3,266	3,970
Jefferson Davis	18	2	3,169	5,049	3,561	3,698	6,272	2,938	4,701	3,304	3,514	6,030	3,118	4,722	3,445	3,586	6,121
Jones	14	3	3,544	4,727	3,540	5,103	10,842	3,349	4,454	3,291	4,805	10,192	3,395	4,026	3,319	4,741	9,536
Kemper	58	4	6,198	9,451	12,547	17,823	21,224	6,120	9,648	13,004	18,482	22,056	6,044	8,385	12,086	15,770	18,318
Lafayette	48	7	11,520	14,599	14,537	12,423	15,811	11,377	14,374	14,063	12,329	15,779	11,123	12,563	13,929	10,189	12,230
Lamar	7	7	301	829	359	231	1,373	283	730	326	215	1,357	286	608	286	207	912
Lauderdale	33	16	3,697	4,640	7,035	16,145	24,044	3,622	4,734	7,267	16,513	24,818	3,128	3,852	6,304	14,823	20,887
Lawrence	16	5	4,753	5,020	3,179	2,162	2,495	4,615	4,867	3,032	2,035	2,401	4,720	4,826	3,062	2,042	2,272
Leake	42	4	4,912	6,752	5,835	7,653	13,577	4,663	6,508	5,611	7,411	13,493	4,794	5,888	5,422	7,245	12,206
Lee	24	2	20,553	25,934	29,426	20,297	22,561	21,679	27,469	31,115	21,373	23,734	20,185	24,663	28,834	18,081	21,348
Leflore	70	10	38,183	55,331	71,631	50,884	43,693	39,374	54,490	73,852	53,194	45,135	37,666	51,010	56,849	46,131	33,784
Lincoln	16	2	6,132	7,629	4,237	2,791	2,157	6,214	7,449	4,289	2,745	2,088	6,075	7,149	4,129	2,701	1,960
Lowndes	38	12	8,826	20,877	24,069	17,754	20,946	8,554	20,860	24,030	18,088	21,197	8,519	18,207	23,565	16,699	19,199
Madison	31	9	13,233	18,229	16,234	18,214	25,027	12,852	18,327	16,377	18,331	25,157	13,189	18,108	16,108	18,024	24,741
Marion [2]	15	1	1,803	1,168	913	1,131	2,380	1,698	1,104	863	1,081	2,261	1,787	1,065	848	1,047	2,196
Marshall	44	13	20,459	26,270	22,912	19,725	23,624	20,880	27,074	23,256	20,226	24,323	19,247	23,065	21,864	17,084	19,635
Monroe	37	6	15,106	29,045	30,829	19,361	26,856	15,946	31,125	32,981	21,282	29,090	14,840	26,569	30,205	17,778	23,836
Montgomery	25	2	6,971	10,667	11,070	11,119	16,579	6,769	10,477	10,984	11,568	16,791	6,657	9,262	10,727	10,158	13,892
Neshoba	33	10	4,706	4,991	6,165	11,140	18,318	4,443	4,854	5,979	10,870	17,882	4,495	3,658	5,533	10,034	14,235

[1] Included in "All other counties," to avoid disclosure of individual operations.

[2] Walthall County organized from parts of Marion and Pike.

TABLE 57.—NUMBER OF GINNERIES IN 1915 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES—Continued.

COUNTY.	GINNERIES		TOTAL QUANTITY GINNED.										NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—				
	Active	Idle	Number of bales (counting round as half bales)—					Number of equivalent 500-pound bales—									
	1915		1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
MISSISSIPPI—Continued.																	
Newton	27	21	3,602	2,714	2,526	6,948	19,462	3,338	2,576	2,451	6,678	19,178	3,502	2,217	2,216	6,173	16,642
Noxubee	39	2	8,492	18,806	24,503	18,218	21,688	8,397	20,021	25,361	18,881	22,187	8,319	16,835	23,478	17,009	19,326
Oktibbeha	17	8	3,258	8,556	13,312	9,918	12,221	3,198	8,640	13,770	10,323	12,639	3,201	8,016	13,045	9,239	11,436
Panola	49	9	28,548	34,846	35,360	29,019	33,102	30,072	35,738	37,227	30,563	34,638	27,795	31,790	34,013	26,323	29,029
Perry	3	3	356	1,047	697	466	1,524	352	1,024	694	459	1,512	335	987	649	404	1,288
Pike[1]	22	4	4,562	5,383	4,182	3,835	3,742	4,294	5,047	4,012	3,651	3,676	4,500	5,155	4,022	3,511	3,356
Pontotoc	24	2	13,791	19,444	16,812	13,788	16,062	14,169	19,953	17,293	14,364	16,518	13,589	18,343	16,528	12,349	14,383
Prentiss	29	2	13,103	16,627	14,440	11,166	12,813	13,619	17,066	14,888	11,374	13,282	12,822	15,272	13,919	9,626	11,264
Quitman	29	....	19,715	20,797	19,881	16,244	14,475	20,413	21,175	20,748	16,868	14,698	16,936	18,164	16,661	13,117	10,542
Rankin	21	15	2,539	2,999	2,073	2,608	7,807	2,426	2,925	1,832	2,419	7,417	2,532	2,681	2,014	2,408	7,141
Scott	20	11	2,021	1,868	1,290	2,058	8,658	1,949	1,786	1,238	1,965	8,469	1,951	1,616	1,186	1,796	7,747
Sharkey	29	5	18,208	17,914	20,178	13,224	15,944	20,073	19,326	23,511	15,133	18,460	15,712	16,644	13,734	11,683	13,465
Simpson	19	6	3,076	4,679	3,362	2,791	5,479	2,835	4,397	3,183	2,520	4,914	3,061	4,505	3,282	2,665	5,247
Smith	25	9	2,592	3,699	2,827	3,659	8,743	2,470	3,642	2,665	3,379	8,101	2,559	3,322	2,747	3,512	8,239
Sunflower	71	5	58,877	78,064	89,770	59,047	48,003	61,809	81,265	97,634	64,113	49,885	55,258	70,212	71,676	50,714	38,672
Tallahatchie	54	8	36,038	50,203	49,176	39,086	37,808	38,056	52,502	50,376	41,173	39,199	33,641	41,207	40,762	33,369	28,261
Tate	25	4	19,116	23,406	20,800	14,814	17,673	20,374	24,646	21,603	15,729	18,532	17,981	20,973	19,550	13,306	15,791
Tippah	20	2	12,245	12,720	10,684	8,403	10,726	12,115	12,951	10,925	8,616	11,035	11,568	11,259	10,245	6,948	8,755
Tishomingo	21	3	7,216	10,895	8,191	6,593	8,209	7,440	11,150	8,471	6,746	8,531	6,963	9,921	7,939	5,723	7,036
Tunica	38	4	34,883	37,679	35,338	25,826	29,519	35,490	39,608	37,381	27,226	31,030	27,076	28,120	26,332	20,695	21,573
Union	24	1	13,897	14,973	13,238	10,867	13,098	14,408	15,557	13,913	11,143	13,520	13,464	14,053	12,946	9,463	11,551
Walthall[1]	20	2	3,433	3,454	----	----	----	3,172	3,309	----	----	----	3,323	3,221	----	----	----
Warren	19	20	7,640	9,130	7,602	5,684	8,177	7,542	8,938	7,497	5,517	7,889	6,799	7,864	5,883	4,969	6,672
Washington	71	14	52,647	68,966	87,412	50,818	45,441	57,315	73,528	98,579	57,297	50,978	49,399	65,229	66,477	44,528	41,374
Wayne	16	2	1,934	3,385	2,217	2,773	5,643	1,976	3,400	2,336	2,907	5,722	1,853	2,966	2,051	2,516	4,701
Webster	26	4	6,072	9,283	11,342	10,533	13,698	5,776	8,966	10,886	10,487	13,556	5,891	8,444	11,101	9,342	11,943
Wilkinson	12	19	1,398	1,795	1,075	936	1,628	1,353	1,804	961	881	1,563	1,375	1,325	859	898	1,524
Winston	28	7	3,480	5,484	8,346	11,750	14,385	3,500	5,641	8,556	12,248	14,615	3,256	4,603	7,989	10,259	10,936
Yalobusha	38	8	11,306	15,842	18,394	14,819	18,594	11,238	15,674	18,350	15,302	19,170	10,924	14,489	17,774	12,954	14,772
Yazoo	53	13	24,709	31,344	30,469	16,437	24,767	24,013	30,498	30,409	16,421	23,780	23,512	28,496	26,823	15,995	22,558
All other	7	10	516	1,262	491	276	943	507	1,243	505	276	939	442	1,099	421	206	792
MISSOURI.																	
The state...	90	18	46,644	78,409	63,761	53,538	91,119	47,999	81,752	67,105	55,691	96,808	41,474	64,786	59,376	45,732	67,967
Butler	3	....	889	1,443	819	963	1,597	933	1,532	819	1,053	1,690	758	1,290	813	575	371
Dunklin	31	3	23,322	35,303	30,458	27,364	38,935	23,732	36,609	31,701	28,480	40,975	21,210	29,316	28,518	23,155	29,318
New Madrid	13	2	5,877	11,521	9,294	6,615	14,249	6,117	12,012	9,967	6,827	15,204	5,186	9,416	8,757	5,686	10,337
Oregon	(2)	....	(2)	153	338	170	794	(2)	156	348	175	818	(2)	44	307	128	493
Ozark	9	4	222	523	701	809	1,302	232	523	724	794	1,303	152	411	509	672	959
Pemiscot	20	2	13,536	23,629	16,575	13,044	23,836	14,105	24,735	17,702	13,654	25,810	11,798	19,695	15,309	11,488	17,826
Stoddard	6	....	2,218	3,956	4,034	3,600	7,444	2,299	4,214	4,251	3,732	7,864	1,957	2,948	3,901	3,206	6,442
Taney	4	3	172	503	511	462	634	172	514	522	471	651	127	456	386	412	475
All other	4	4	408	1,378	1,031	511	2,328	409	1,457	1,071	505	2,493	286	1,201	876	410	1,746
NORTH CAROLINA.																	
[See map on page 97.]																	
The state...	2,514	360	737,354	970,479	837,995	906,351	1,126,276	699,494	930,631	792,545	865,653	1,075,826	666,926	766,445	708,598	819,662	913,944
Alamance	12	....	602	939	1,466	1,139	1,608	497	826	1,300	1,009	1,444	421	572	1,203	960	1,167
Alexander	7	1	1,390	2,214	2,591	2,575	2,469	1,235	2,072	2,438	2,318	2,233	1,209	1,510	2,230	2,339	1,964
Anson	75	1	23,617	26,466	25,515	22,420	29,181	23,126	26,440	24,790	21,927	27,961	21,946	22,446	23,067	21,412	24,691
Beaufort	26	2	8,696	13,621	9,551	13,829	17,231	8,802	13,727	9,331	13,707	17,369	7,878	9,293	7,477	12,344	14,212
Bertie	56	....	10,223	13,829	13,373	13,320	16,607	10,205	13,655	13,461	13,448	17,215	8,796	9,639	9,453	11,510	11,196
Bladen	27	....	8,041	11,897	7,958	8,040	10,848	7,829	11,742	7,530	7,923	10,830	7,588	9,202	6,879	7,453	8,982
Brunswick	11	....	345	943	768	538	1,177	340	955	785	570	1,212	140	438	356	339	726
Cabarrus	41	11	12,375	13,137	12,676	12,183	10,886	11,986	13,066	12,526	12,037	10,433	11,086	11,583	11,591	11,443	9,687
Camden	10	....	2,635	4,520	4,040	4,102	5,271	2,784	4,770	4,210	4,358	5,577	2,539	3,994	3,652	4,007	4,715
Carteret	9	....	1,445	2,188	1,710	2,103	2,951	1,442	2,168	1,644	2,001	2,894	1,240	1,418	1,317	1,829	1,545
Catawba	32	3	6,336	9,958	10,137	9,073	8,915	5,572	8,761	8,860	7,892	7,833	5,757	7,717	9,518	8,251	7,730
Chatham	52	4	6,729	8,437	8,803	7,385	11,163	5,732	7,344	7,470	6,336	9,607	5,811	6,810	7,943	7,013	9,773
Chowan	17	3	3,583	5,712	4,888	5,426	6,788	3,865	5,969	5,044	5,664	7,278	3,438	4,783	3,788	4,617	5,264
Cleveland	49	4	21,471	24,584	23,482	20,155	23,640	20,187	23,596	22,017	19,087	22,737	19,892	21,828	21,452	18,855	21,992
Columbus	20	1	7,788	11,841	9,114	9,157	13,484	7,737	11,758	8,919	9,234	13,605	7,554	9,459	8,129	8,687	10,736
Craven	26	3	5,958	7,642	5,395	7,563	11,546	5,888	7,741	5,261	7,481	11,558	5,389	5,112	4,481	6,699	8,766
Cumberland	49	4	16,192	25,519	19,155	21,272	24,102	15,729	24,151	17,998	20,230	22,747	15,360	22,077	17,491	20,194	20,099
Currituck	4	1	606	1,275	1,340	(2)	(2)	607	1,191	1,276	(2)	(2)	472	1,027	524	(2)	(2)
Davidson	12	....	1,823	1,919	2,985	2,583	2,662	1,658	1,752	2,647	2,403	2,410	1,403	1,282	2,523	2,368	1,921
Davie	11	1	1,652	1,759	2,649	2,901	2,531	1,480	1,528	2,349	2,600	2,256	1,210	1,012	2,153	2,611	2,059
Duplin	35	11	9,970	13,394	10,645	12,960	15,417	9,408	12,730	10,004	12,535	14,677	9,307	10,083	9,306	12,131	12,598
Durham	9	4	677	1,044	1,484	1,150	2,224	609	912	1,307	971	1,961	492	777	1,259	1,080	1,861
Edgecombe	116	22	27,174	29,632	29,676	37,219	46,093	24,891	27,842	27,711	34,055	42,479	23,155	22,267	20,541	32,348	34,072
Franklin	50	18	12,418	14,352	15,536	13,899	23,045	11,122	13,322	14,097	12,428	21,178	11,159	11,964	12,721	12,771	20,642
Gaston	27	6	9,652	9,920	13,706	12,143	14,563	9,046	9,680	12,974	11,560	13,535	8,168	7,878	12,178	10,738	12,755
Gates	20	1	3,304	6,363	5,207	4,721	6,477	3,372	6,546	5,299	4,836	6,508	3,134	4,796	4,384	4,544	5,365
Granville	11	....	1,129	1,411	1,525	1,431	2,645	1,013	1,278	1,363	1,292	2,350	1,005	1,128	1,277	1,351	2,233
Greene	34	14	11,445	13,179	8,008	14,817	17,504	10,974	12,929	7,604	14,864	17,704	10,118	7,886	6,189	12,334	12,572
Halifax	118	13	26,545	32,491	32,110	32,031	40,206	24,952	31,497	30,453	31,044	38,019	23,825	26,640	24,694	29,680	32,806

[1] Walthall County organized from parts of Marion and Pike.

[2] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 57.—NUMBER OF GINNERIES IN 1915 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES—Continued.

COUNTY.	GINNERIES		TOTAL QUANTITY GINNED.										NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—				
	Active	Idle	Number of bales (counting round as half bales)—					Number of equivalent 500-pound bales—									
	1915		1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
NORTH CAROLINA—Continued.																	
Harnett	42	7	16,885	24,083	19,463	20,275	25,336	15,656	22,455	17,875	18,227	22,777	15,332	21,732	17,677	19,531	23,174
Hertford	23	5	3,522	6,086	5,039	6,327	7,998	3,508	6,092	5,113	6,389	7,828	2,916	4,129	3,485	5,156	5,501
Hoke	26	6	11,276	16,457	14,490	13,659	16,316	11,107	15,944	14,255	13,766	16,019	10,612	14,188	13,343	12,743	13,498
Hyde	5	1	406	1,255	881	1,885	2,759	410	1,258	871	2,163	2,804	175	934	439	55	715
Iredell	43	9	10,153	11,921	15,108	12,372	10,931	9,233	11,156	14,214	11,647	9,936	8,547	9,109	13,233	10,982	9,660
Johnston	83	15	37,174	54,930	38,751	44,309	59,715	33,538	50,085	34,915	38,921	54,615	33,669	43,748	34,593	41,195	49,338
Jones	30	2	6,004	8,406	5,068	7,116	10,477	6,111	8,475	5,152	7,169	10,339	5,407	5,923	4,528	6,288	8,503
Lee	19	....	5,720	7,943	6,787	6,207	7,852	4,920	6,980	5,720	5,275	6,750	5,178	6,812	5,904	5,860	6,823
Lenoir	50	6	11,746	15,754	10,616	15,480	20,635	11,499	15,067	9,890	15,375	20,594	10,572	10,750	8,985	14,658	17,465
Lincoln	35	1	6,219	8,782	8,522	7,416	8,274	5,569	8,018	8,099	6,631	7,323	5,282	7,143	7,986	6,465	7,606
Martin	47	5	8,997	11,868	9,745	10,960	13,649	9,139	12,008	9,484	10,925	13,728	7,982	7,824	6,832	8,918	9,825
Mecklenburg	52	15	26,674	27,027	31,164	28,178	30,769	26,183	26,881	30,622	28,285	30,307	23,262	21,351	27,458	25,523	27,042
Montgomery	28	4	4,465	5,757	5,237	5,093	6,881	4,211	5,691	5,069	5,060	6,498	3,915	4,449	4,651	4,720	5,319
Moore	27	6	2,926	4,129	4,017	3,755	4,722	2,700	3,961	3,571	3,343	4,582	2,663	3,438	3,632	3,399	3,703
Nash	57	6	25,924	30,656	29,860	32,004	41,666	23,186	27,609	27,418	28,637	37,091	22,279	22,828	22,780	28,583	32,192
Northampton	62	16	14,209	18,965	16,171	15,112	18,717	14,411	19,428	16,349	15,082	18,979	12,451	15,628	12,756	14,021	14,787
Onslow	18	5	5,302	6,908	4,437	4,922	7,075	5,119	6,611	4,255	4,475	6,711	4,881	4,820	3,431	4,221	4,973
Orange	16	1	1,129	1,466	1,738	1,372	2,547	958	1,280	1,531	1,158	2,269	830	901	1,523	1,265	2,121
Pamlico	15	3	5,479	7,736	4,682	6,502	8,848	5,508	7,851	4,699	6,492	8,981	5,199	5,833	3,802	5,652	7,129
Pasquotank	8	3	3,783	7,365	5,313	7,076	8,654	3,938	7,772	5,536	7,315	9,187	3,528	5,885	4,497	6,186	7,201
Pender	9	2	1,767	2,529	1,737	2,054	3,720	1,670	2,463	1,588	1,964	3,611	1,575	1,620	1,401	969	855
Perquimans	21	1	5,922	8,713	7,308	8,598	9,934	5,903	8,758	7,212	8,658	10,246	5,638	7,473	6,501	7,918	8,793
Pitt	69	9	24,396	29,268	21,656	31,978	43,399	23,636	28,635	20,735	31,258	42,925	21,973	16,600	16,194	27,429	31,161
Polk	4	....	1,243	1,510	1,767	1,515	2,465	1,140	1,413	1,626	1,382	2,242	1,187	1,266	1,675	1,399	2,283
Randolph	13	2	826	1,269	1,534	1,651	1,983	757	1,182	1,340	1,448	1,823	643	777	1,265	1,287	506
Richmond	67	3	13,976	17,867	13,931	15,868	18,272	13,671	17,706	13,209	15,217	17,998	13,255	15,515	13,028	15,242	15,149
Robeson	100	7	47,210	74,141	54,039	62,332	76,812	45,535	70,316	52,584	61,943	75,822	45,379	60,139	47,283	57,573	60,936
Rowan	40	7	7,344	8,790	10,278	9,062	7,854	6,786	8,410	9,754	8,629	7,362	6,075	7,370	9,320	8,253	6,782
Rutherford	29	7	8,958	12,090	10,253	9,206	11,836	8,215	11,311	9,435	8,396	10,823	8,433	10,595	9,517	8,537	11,031
Sampson	67	9	21,695	28,562	21,510	27,762	28,723	20,367	27,351	20,159	26,652	27,482	19,450	23,196	17,582	23,049	21,972
Scotland	40	3	26,480	38,154	27,649	31,962	32,743	26,162	38,314	26,831	31,853	32,245	25,349	30,950	24,884	29,263	27,001
Stanley	26	8	8,293	9,607	8,488	8,890	9,165	7,336	8,773	7,561	8,090	8,531	7,249	7,748	7,555	8,250	7,810
Tyrrell	8	3	977	1,463	1,141	1,466	1,681	987	1,502	1,157	1,472	1,836	824	1,012	968	276	270
Union	52	3	27,345	31,171	31,409	29,996	29,843	25,775	29,394	29,669	28,844	28,184	25,069	25,463	27,164	27,858	26,149
Vance	11	4	2,997	3,430	4,375	4,513	7,772	2,790	3,222	3,725	3,935	7,057	2,875	3,244	3,949	4,440	7,377
Wake	93	15	22,717	29,367	28,530	26,377	46,247	19,678	25,855	25,072	22,959	41,169	20,346	25,047	25,392	24,725	40,030
Warren	43	7	9,020	10,878	11,653	10,237	15,108	8,383	10,402	10,805	9,516	13,893	8,598	9,762	10,112	9,881	13,883
Washington	24	5	2,775	3,931	3,741	4,086	4,962	2,851	4,106	3,886	4,482	5,332	2,566	3,242	3,047	3,848	4,053
Wayne	96	6	28,720	40,653	29,965	39,627	45,591	27,341	38,783	28,047	38,018	44,068	25,412	30,625	23,916	35,643	36,988
Wilson	40	11	22,373	28,488	23,557	31,065	40,581	21,062	27,343	22,031	28,940	37,976	20,483	22,241	18,024	26,890	30,380
All other	10	4	506	918	892	1,951	2,530	457	822	813	1,852	2,354	375	514	510	1,603	1,841
OKLAHOMA. [See map on page 97.]																	
The state	965	152	622,176	1,232,638	842,499	1,005,109	1,016,538	639,626	1,262,176	840,387	1,021,250	1,022,092	513,251	1,069,018	789,782	902,329	862,838
Adair	3	....	395	1,357	822	775	1,217	389	1,375	816	783	1,236	231	1,189	819	750	1,005
Atoka	12	2	5,504	10,619	10,189	7,526	9,199	5,573	10,761	10,328	7,710	9,372	4,984	9,667	9,923	7,142	7,967
Beckham	19	2	9,835	33,389	13,080	24,873	19,388	9,957	33,471	12,559	24,300	19,748	6,458	27,374	11,668	22,345	14,210
Blaine	(1)	....	(1)	1,102	931	1,236	2,742	(1)	1,079	939	1,186	2,749	(1)	973	832	1,077	2,034
Bryan	27	4	19,959	23,701	39,032	35,530	43,371	21,049	24,338	40,603	37,525	45,094	18,312	21,547	37,127	30,113	38,669
Caddo	24	3	12,253	33,349	22,987	22,186	34,786	12,349	33,129	22,169	21,844	34,536	8,291	27,487	21,479	19,864	26,143
Canadian	(1)	....	(1)	1,488	1,405	1,763	1,999	(1)	1,482	1,350	1,697	1,917	(1)	1,299	1,259	1,660	1,421
Carter	25	4	14,322	24,367	21,330	22,803	21,580	15,207	25,790	22,080	23,432	22,400	12,492	21,685	20,317	20,936	19,838
Cherokee	7	4	2,997	7,200	5,566	4,824	7,616	2,891	7,158	5,528	4,783	7,732	2,556	7,029	5,240	4,715	6,656
Choctaw	22	2	7,937	15,877	20,447	16,795	19,308	8,312	16,407	21,114	17,383	19,976	7,643	15,302	19,595	15,821	18,128
Cleveland	18	4	6,154	19,662	12,264	16,634	15,150	6,406	20,519	12,563	16,694	14,947	4,903	18,528	11,638	15,592	14,139
Coal	9	1	7,260	7,047	6,915	7,524	8,415	7,373	7,142	6,925	7,417	8,543	6,379	6,654	6,778	6,967	7,396
Comanche [2]	19	1	17,887	25,635	15,096	22,860	24,193	18,817	26,553	14,842	22,970	24,498	15,939	22,065	14,219	19,956	21,146
Cotton [2]	12	1	11,287	23,598	11,071	22,904	.....	12,359	25,571	10,562	23,014	.....	9,468	20,493	10,127	20,420	.....
Creek	21	4	12,496	26,580	19,087	19,392	21,740	12,234	27,276	18,854	19,021	21,773	9,505	22,859	17,692	17,947	17,303
Custer	3	4	674	3,180	1,675	2,675	3,958	672	3,151	1,596	2,634	3,862	525	2,720	1,471	2,455	3,142
Garvin	27	4	23,637	40,197	27,900	28,640	33,769	24,030	41,720	27,352	28,318	33,757	20,652	34,948	26,602	26,077	28,330
Grady	16	3	6,229	23,717	14,584	14,013	18,810	6,438	24,134	14,435	14,358	18,720	4,723	19,986	13,662	12,607	15,126
Greer	23	....	26,143	41,097	12,182	31,550	17,806	27,377	42,075	12,075	35,304	17,877	19,135	39,842	10,789	25,204	15,715
Harmon	12	2	15,793	28,644	8,078	19,409	16,238	16,456	29,784	8,065	19,696	16,430	10,233	22,379	7,309	14,847	14,105
Haskell	15	3	7,610	17,004	15,151	13,439	17,565	7,917	17,252	15,899	13,858	17,850	6,826	15,855	14,361	13,127	14,338
Hughes	26	2	22,002	35,632	32,391	31,706	35,050	21,883	35,140	31,561	31,580	35,122	18,179	33,121	30,893	30,355	30,082
Jackson	25	1	34,153	57,376	10,136	41,326	26,700	36,298	60,635	9,848	43,136	26,700	27,045	44,125	8,927	32,731	22,135
Jefferson	23	1	17,294	31,826	13,724	29,019	12,644	18,110	33,997	12,794	30,389	12,813	14,853	25,886	13,501	24,971	11,115
Johnston	22	2	12,217	20,780	22,645	21,034	21,776	12,794	20,859	22,813	23,697	21,658	10,734	17,969	21,623	18,322	20,469
Kingfisher	8	2	1,115	4,926	2,523	4,769	6,415	1,103	4,907	2,425	4,596	6,152	756	4,236	2,417	4,350	5,468
Kiowa	26	....	32,750	48,127	17,747	40,148	20,127	34,289	49,956	16,398	40,317	19,845	26,193	39,333	16,009	35,021	16,968
Latimer	3	....	1,221	1,831	2,143	1,457	(1)	1,234	1,916	2,157	1,461	(1)	1,145	1,778	2,102	1,424	(1)
Le Flore	39	....	15,283	23,586	22,381	17,486	27,164	15,678	24,581	22,493	17,536	27,323	13,852	22,801	21,161	16,645	23,465
Lincoln	36	4	19,593	47,183	35,316	38,646	41,660	19,580	47,531	35,219	39,384	41,499	15,892	40,425	31,664	34,927	35,352
Logan	14	8	7,131	20,828	14,417	13,477	19,463	7,172	21,036	14,561	13,474	19,261	5,376	17,402	13,577	11,714	16,395

[1] Included in "All other counties," to avoid disclosure of individual operations.

[2] Cotton County organized from part of Comanche.

TABLE 57.—NUMBER OF GINNERIES IN 1915 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES—Continued.

COUNTY.	GINNERIES		TOTAL QUANTITY GINNED.										NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—				
	Active	Idle	Number of bales (counting round as half bales)—					Number of equivalent 500-pound bales—									
	1915		1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
OKLAHOMA—Continued.																	
Love	19	....	10,909	20,535	14,484	19,962	18,142	11,409	21,346	15,122	20,706	18,534	9,606	17,299	13,688	17,379	16,545
McClain	15	3	7,510	20,336	12,420	14,189	16,193	7,541	20,866	12,557	14,129	16,112	6,118	18,280	12,044	13,623	13,606
McCurtain	20	3	6,854	12,152	12,183	10,869	11,531	6,958	12,626	12,592	10,873	11,651	6,666	11,650	11,748	10,394	10,087
McIntosh	20	3	16,811	33,726	21,970	18,860	20,904	16,902	34,832	21,566	18,935	20,900	14,287	31,255	20,768	18,014	17,393
Marshall	16	2	11,491	16,071	15,816	18,131	16,377	11,349	16,716	16,684	18,423	16,860	10,317	14,522	14,610	16,468	15,304
Mayes	7	1	1,075	4,975	2,264	2,255	4,002	1,078	4,812	2,183	2,258	3,964	663	4,011	2,079	1,936	3,540
Murray	8	....	6,646	10,212	8,310	8,131	9,334	7,075	10,576	8,513	8,263	9,435	5,849	8,852	7,590	7,212	8,747
Muskogee	21	2	9,385	33,051	25,220	21,454	28,093	9,695	33,540	25,356	21,647	28,677	7,971	29,089	24,050	19,892	22,956
Noble	(1)	....	(1)	1,879	1,274	1,207	2,749	(1)	1,895	1,201	1,185	2,722	(1)	1,378	1,074	1,060	2,132
Okfuskee	25	2	15,644	32,035	23,502	29,124	31,272	15,947	32,642	23,725	29,723	31,459	13,018	28,647	22,348	27,215	25,950
Oklahoma	15	3	6,047	16,030	10,735	10,429	11,654	6,005	15,956	10,699	10,385	11,717	4,486	14,338	9,537	9,401	10,215
Okmulgee	8	4	4,861	12,583	9,004	10,587	12,882	5,047	13,109	9,130	10,723	13,208	3,994	11,437	8,590	9,591	10,559
Osage	3	2	859	5,006	3,379	3,332	6,380	873	4,999	3,569	3,303	6,383	613	4,262	3,073	2,784	5,109
Pawnee	10	2	1,423	8,325	5,747	6,529	9,725	1,403	8,417	5,463	6,451	9,747	984	6,738	5,079	5,883	7,551
Payne	12	7	5,166	16,294	13,528	15,073	21,309	5,063	16,486	13,479	14,992	21,173	3,979	14,176	12,223	13,339	16,176
Pittsburg	24	3	14,312	24,128	25,002	20,992	27,603	14,366	24,450	25,048	21,280	27,816	12,450	22,699	23,843	20,443	23,593
Pontotoc	25	5	19,177	26,025	24,497	24,480	30,068	19,450	26,275	25,333	24,547	30,381	16,646	22,596	23,189	22,503	26,227
Pottawatomie	35	6	19,112	42,348	31,298	36,465	36,901	19,095	43,212	30,641	36,647	36,450	15,263	39,266	28,867	33,944	32,794
Pushmataha	11	....	3,951	5,679	6,198	5,711	6,002	4,137	5,651	6,400	5,881	6,046	3,718	5,354	6,051	5,537	5,112
Roger Mills	3	....	1,176	4,551	1,922	3,507	6,592	1,188	4,460	1,808	3,488	6,614	902	4,433	1,718	3,221	5,358
Seminole	18	....	14,615	24,415	19,067	20,997	23,284	14,732	24,361	18,506	20,993	22,786	12,969	22,634	18,170	20,132	20,885
Sequoyah	27	....	14,397	27,682	26,568	22,724	30,313	14,857	27,810	25,705	22,088	30,711	12,367	25,779	24,848	21,502	25,051
Stephens	24	....	20,004	32,225	21,480	29,563	22,664	20,708	33,443	21,553	30,361	23,049	16,483	28,017	20,597	25,467	18,787
Tillman	18	....	23,405	40,818	16,043	34,860	20,978	24,271	41,509	15,982	35,655	21,238	17,823	32,617	14,638	30,008	17,579
Tulsa	7	2	1,361	8,988	5,722	4,296	5,319	1,348	9,247	5,822	4,296	5,304	1,001	7,634	5,362	3,972	4,303
Wagoner	11	1	3,754	16,595	13,204	11,034	13,614	3,783	16,310	12,734	11,107	13,649	2,692	14,121	12,247	9,856	11,185
Washita	17	7	9,941	32,076	17,346	22,153	16,239	10,252	32,884	16,996	21,657	15,563	7,260	27,936	16,015	20,091	12,719
All other	10	26	1,159	2,993	1,101	1,776	6,565	1,147	2,961	1,057	1,757	6,493	846	2,041	965	1,380	5,180
SOUTH CAROLINA. [See map on page 98.]																	
The state	3,069	332	1,174,213	1,560,195	1,418,704	1,224,245	1,692,146	1,133,919	1,533,810	1,377,814	1,182,128	1,648,712	1,098,283	1,328,482	1,276,428	1,128,850	1,423,383
Abbeville	54	3	31,548	36,050	34,306	28,975	42,162	31,113	35,863	35,335	28,343	40,762	28,955	30,474	30,833	27,269	38,202
Aiken	159	8	37,785	51,272	48,066	36,873	51,361	36,750	50,652	47,121	35,506	50,403	35,649	45,045	44,622	34,271	45,003
Anderson	119	13	60,348	62,088	73,541	54,577	80,382	58,687	60,804	71,549	53,118	78,717	56,433	51,961	66,452	49,781	73,342
Bamberg	53	15	16,843	29,907	27,641	19,932	28,019	17,183	30,936	28,354	19,629	29,353	15,233	25,940	25,776	18,906	24,097
Barnwell	120	14	36,514	65,846	58,880	43,407	67,001	36,978	67,767	61,408	45,274	70,267	34,766	56,701	53,506	40,326	56,588
Beaufort [2]	24	7	4,345	9,251	8,165	5,920	7,040	4,046	8,848	7,504	5,448	6,730	3,732	7,763	6,949	4,946	6,369
Berkeley	55	3	9,625	16,695	13,500	10,809	17,118	8,937	14,985	11,907	9,296	15,479	9,230	15,086	12,815	10,352	14,330
Calhoun	81	11	21,290	33,913	27,800	22,231	31,730	19,118	31,268	25,170	19,852	28,437	18,211	28,526	24,840	19,096	23,336
Charleston	89	9	10,323	17,918	15,880	11,686	11,586	8,463	16,100	13,465	9,060	9,567	8,533	14,136	13,637	9,270	10,106
Cherokee	31	6	15,026	17,655	18,072	14,107	16,542	14,596	17,599	17,382	13,661	16,224	13,956	15,004	16,636	13,328	15,350
Chester	79	7	30,220	35,829	32,275	31,212	36,012	27,947	34,346	30,674	30,026	34,327	29,524	31,791	29,864	29,086	32,912
Chesterfield	84	5	30,083	38,459	33,076	31,864	36,418	28,813	36,328	31,746	31,342	34,561	27,015	30,749	27,025	29,354	28,723
Clarendon	53	7	27,286	50,230	40,268	35,469	54,222	26,964	50,772	39,575	34,887	53,973	26,013	45,357	38,371	32,854	41,436
Colleton	37	7	13,680	24,856	19,732	15,233	21,916	13,100	24,105	19,148	14,526	20,662	13,114	21,158	18,108	13,805	18,154
Darlington	70	2	33,574	48,457	38,456	40,420	57,700	33,413	49,833	38,456	40,493	59,131	31,651	46,134	34,325	38,536	47,100
Dillon	84	9	30,593	40,340	38,213	39,048	50,576	29,895	39,816	36,868	37,978	50,303	29,061	35,242	32,801	36,709	39,347
Dorchester	32	8	11,451	18,895	16,661	13,528	19,295	10,610	17,871	15,831	12,568	18,770	11,009	16,851	15,922	12,371	14,912
Edgefield	80	8	29,497	35,554	33,235	27,436	40,356	28,341	34,331	31,899	25,916	39,541	27,869	30,143	30,819	26,051	34,801
Fairfield	80	....	23,338	26,012	26,349	26,462	33,486	22,946	25,970	26,570	25,954	33,526	22,370	22,116	23,690	24,909	29,219
Florence	72	13	30,594	48,947	44,282	38,965	58,902	30,576	48,849	44,176	37,555	00,269	29,376	42,652	41,084	36,318	46,261
Georgetown	9	1	2,506	5,432	3,866	3,157	5,935	2,465	5,469	3,857	3,115	6,038	2,347	4,084	3,462	2,997	4,611
Greenville	81	11	44,685	49,932	44,722	34,585	54,442	43,079	49,433	42,896	32,967	51,759	40,592	41,140	38,717	29,811	47,498
Greenwood	44	1	20,005	35,298	33,819	30,125	45,546	29,034	35,799	34,015	29,962	45,391	26,674	28,887	28,855	28,133	40,262
Hampton [2]	51	2	12,731	22,710	19,916	14,774	25,797	13,164	23,314	20,832	15,350	26,715	11,901	20,261	18,097	13,408	21,622
Horry	31	5	7,972	13,306	10,390	10,259	16,164	7,830	12,574	9,721	9,434	15,013	7,547	10,232	9,042	8,878	11,632
Jasper [2]	15	5	3,212	6,681	6,196	5,142	.....	2,994	6,442	6,196	5,239	.....	3,103	6,098	5,999	4,588	.....
Kershaw	97	2	24,897	32,170	27,677	25,916	36,193	25,056	30,652	26,343	24,791	34,615	23,252	28,290	24,858	24,837	30,239
Lancaster	75	....	22,379	27,553	25,640	26,144	31,137	21,005	26,666	24,799	24,722	29,860	20,388	21,807	21,915	24,302	26,769
Laurens	73	22	39,918	42,405	45,384	35,638	54,686	38,657	41,294	42,951	34,255	51,678	37,520	35,366	40,213	33,957	49,155
Lee	51	2	32,186	45,078	38,885	34,093	47,713	32,263	46,025	39,974	35,205	49,087	30,288	38,985	34,968	31,965	37,438
Lexington	87	12	24,482	30,670	26,091	22,942	34,011	21,466	28,419	23,863	21,125	31,209	22,715	25,144	24,322	20,774	29,048
Marion	36	6	13,762	17,544	17,890	18,439	29,436	12,881	16,698	16,409	17,141	27,593	13,315	13,307	16,855	17,624	23,272
Marlboro	120	17	50,723	69,838	56,583	71,208	75,942	50,023	70,453	55,202	68,516	75,410	48,076	56,420	47,940	62,548	60,063
Newberry	85	....	36,888	36,698	40,611	34,510	46,426	34,129	35,039	37,841	32,281	43,436	34,685	30,694	35,798	31,755	39,821
Oconee	37	3	18,190	21,306	20,906	15,516	22,824	16,899	20,386	19,765	14,635	21,386	16,751	17,356	18,292	12,694	19,980
Orangeburg	209	25	62,804	89,557	80,606	60,699	87,976	60,005	87,129	77,612	58,346	83,006	58,720	77,689	73,370	55,404	68,576
Pickens	34	9	17,885	22,940	19,512	14,161	22,520	16,490	21,559	18,209	12,923	20,345	15,591	18,638	16,418	11,205	19,638
Richland	61	13	19,939	27,148	22,679	21,172	22,613	18,958	26,616	21,386	20,054	21,582	19,311	24,330	21,553	19,881	19,601
Saluda	54	12	25,898	27,051	26,084	23,551	30,470	24,292	26,234	24,665	22,732	28,928	24,541	22,631	23,091	22,491	26,517
Spartanburg	101	9	69,302	75,564	73,396	57,811	78,145	65,844	73,740	69,764	55,334	74,889	64,988	64,988	65,044	53,157	70,992
Sumter	82	1	31,600	54,278	41,155	34,426	50,613	31,600	55,483	41,427	34,137	51,534	29,941	48,474	38,423	33,020	42,151
Union	40	11	18,501	20,564	20,724	17,529	23,029	17,772	20,313	20,389	17,231	21,799	17,425	17,526	19,117	16,797	21,767
Williamsburg	56	4	22,171	36,644	26,577	23,894	38,701	22,668	37,567	26,572	23,579	39,297	21,459	32,420	24,148	22,185	30,021
York	84	4	38,614	41,654	40,997	40,400	49,403	36,869	39,463	38,988	38,622	47,140	35,444	36,126	37,166	38,001	42,151

[1] Included in "All other counties," to avoid disclosure of individual operations.

[2] Jasper County organized from parts of Beaufort and Hampton.

TABLE 57.—NUMBER OF GINNERIES IN 1915 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES—Continued.

COUNTY.	GINNERIES		TOTAL QUANTITY GINNED.										NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—				
	Active	Idle	Number of bales (counting round as half bales)—					Number of equivalent 500-pound bales—									
	1915		1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
TENNESSEE. [See map on page 98.]																	
The state...	562	62	296,222	372,068	366,786	267,439	430,027	303,420	383,517	379,471	276,546	449,737	265,021	319,284	340,685	230,239	360,510
Benton	6	1	1,741	2,410	2,528	2,222	3,629	1,785	2,379	2,587	2,354	4,133	1,610	1,871	2,323	1,827	2,851
Bradley	4	....	822	1,719	1,114	854	1,156	795	1,640	1,024	783	1,048	728	1,303	1,094	770	977
Carroll	25	....	9,287	10,930	12,185	9,877	17,933	9,203	11,247	12,088	9,480	18,155	8,425	9,559	11,621	9,069	15,796
Chester	14	....	5,489	6,328	4,650	3,818	5,548	5,768	6,694	4,714	3,817	5,804	5,235	5,823	4,541	3,349	4,606
Crockett	15	1	10,327	13,865	15,431	10,510	14,172	10,447	14,245	16,150	10,827	14,532	9,588	12,541	14,721	9,753	12,863
Decatur	11	3	2,347	2,537	2,872	2,154	4,595	2,279	2,570	2,789	2,154	4,617	2,185	2,129	2,560	1,885	3,110
Dyer	21	3	21,172	25,152	25,650	17,029	31,727	21,197	26,103	26,430	17,516	33,916	19,321	20,519	24,378	15,374	27,133
Fayette	42	4	21,338	25,845	27,584	18,166	25,802	21,871	27,023	29,063	19,256	27,293	19,010	22,690	25,115	15,455	21,903
Gibson	26	3	19,828	27,475	28,190	20,708	36,323	20,006	28,024	27,981	20,845	37,318	14,390	23,034	25,532	18,284	31,081
Giles	19	10	5,973	10,617	6,290	5,639	11,955	5,960	10,606	6,207	5,586	12,065	5,499	9,657	6,051	4,350	8,854
Hardeman	32	....	14,603	16,567	15,110	11,496	17,878	14,863	17,034	15,340	11,783	18,815	13,425	14,713	14,605	9,444	14,648
Hardin	22	3	7,298	8,188	5,875	4,888	9,297	7,406	8,362	5,973	4,887	9,675	6,908	7,087	5,628	4,179	7,105
Haywood	36	3	19,052	19,037	23,045	15,443	24,277	19,307	19,600	24,054	15,841	25,331	16,726	16,795	21,650	12,287	20,750
Henderson	33	3	11,095	11,559	8,830	7,010	12,143	11,463	11,786	8,994	7,035	12,651	10,160	10,341	8,454	6,140	8,544
Henry	5	1	1,698	2,127	2,344	2,076	3,853	1,730	2,187	2,317	2,278	4,051	1,584	1,543	2,120	1,945	3,316
Lake	14	....	13,761	21,518	15,837	12,255	22,523	13,860	21,686	16,363	12,826	22,906	12,653	18,590	14,643	10,996	17,921
Lauderdale	29	1	19,167	26,361	26,340	20,949	29,039	20,229	27,516	27,567	22,043	30,247	17,431	21,989	24,664	18,128	25,546
Lawrence	5	....	2,431	3,111	1,642	1,164	(1)	2,386	2,952	1,641	1,225	(1)	2,310	2,925	1,610	990	(1)
Lincoln	11	1	4,217	6,760	4,912	4,117	6,641	4,380	7,153	5,065	4,187	6,928	3,989	6,447	4,850	3,558	5,715
McMinn	9	....	665	2,400	2,040	1,508	2,763	605	2,276	1,950	1,432	2,601	562	1,651	1,979	1,385	2,052
McNairy	33	4	10,627	13,097	9,726	7,966	11,541	11,078	13,558	9,926	8,277	12,017	10,166	12,000	9,265	6,942	9,767
Madison	36	2	13,319	14,776	17,658	10,508	21,356	13,676	15,107	18,301	11,265	23,060	11,625	13,497	16,585	8,922	18,832
Obion	5	2	2,778	6,169	6,703	3,801	3,479	2,784	6,245	6,537	3,893	8,655	2,316	5,013	5,738	3,668	7,136
Polk	6	1	1,302	1,874	1,308	1,224	1,482	1,191	1,817	1,197	1,123	1,406	1,228	1,605	1,282	1,156	1,361
Rutherford	7	4	5,933	11,901	7,992	6,589	10,762	5,864	12,096	8,222	6,799	10,865	5,492	9,493	7,304	5,913	8,535
Shelby	47	6	40,982	43,439	53,816	38,284	53,261	43,179	46,011	57,820	40,765	56,830	37,188	38,429	47,935	30,789	44,540
Tipton	35	1	23,726	27,568	29,086	22,023	31,710	24,898	28,831	31,250	23,168	34,640	20,950	22,135	27,561	19,149	27,345
Wayne	(1)	....	(1)	910	821	691	1,559	(1)	901	833	695	1,622	(1)	702	806	594	1,006
Weakley	6	2	2,689	4,356	5,201	2,906	4,755	2,748	4,386	5,182	2,905	4,657	2,392	3,448	4,670	2,794	4,472
All other	8	3	2,555	3,472	2,006	1,564	3,868	2,462	3,482	1,906	1,501	3,899	1,919	1,755	1,400	1,144	2,740
TEXAS. [See map on page 99.]																	
The state...	4,093	517	3,068,852	4,390,200	3,773,024	4,645,309	4,107,152	3,227,480	4,592,112	3,944,970	4,880,210	4,256,427	2,868,663	3,874,388	3,627,190	4,368,915	3,862,143
Anderson	42	6	16,865	18,779	24,207	24,858	29,028	17,293	18,794	25,016	25,494	28,964	16,392	16,834	23,436	24,130	26,643
Angelina	19	3	4,366	6,178	7,358	6,412	5,775	4,381	6,131	7,552	6,334	5,694	4,247	5,237	6,946	6,222	5,122
Archer	4	5	3,223	10,087	4,249	10,147	2,456	3,460	10,932	4,325	10,395	2,450	2,996	8,094	4,015	8,911	2,032
Atascosa	20	2	8,593	14,087	10,717	14,021	9,087	8,736	14,366	11,392	14,798	9,436	8,370	13,531	10,670	13,568	8,138
Austin	40	3	17,959	23,313	27,463	27,644	29,974	19,198	25,449	29,984	30,165	32,184	17,741	21,418	26,858	26,711	28,846
Bandera	4	....	503	1,669	1,963	1,868	1,296	534	1,747	2,091	2,003	1,418	501	1,649	1,935	1,865	1,248
Bastrop	30	4	23,570	32,152	35,729	34,335	33,233	24,938	33,913	37,890	37,477	35,049	23,002	29,471	34,522	33,174	31,271
Baylor	9	1	13,196	25,642	8,055	15,863	6,170	14,225	27,724	8,223	16,336	6,187	10,018	18,428	7,357	13,715	5,193
Bee	14	....	12,283	13,975	7,613	19,150	11,862	12,912	14,168	7,994	20,077	12,253	12,243	13,730	7,582	18,931	11,834
Bell	58	2	41,986	67,860	68,525	82,494	76,530	44,436	72,081	74,144	87,213	81,321	40,759	64,835	66,443	79,445	74,070
Bexar	22	4	24,801	30,454	25,790	27,215	19,501	26,284	32,099	27,312	28,875	21,318	24,305	27,969	25,595	26,491	18,154
Blanco	8	2	4,127	6,965	5,104	4,524	3,634	4,437	7,377	5,423	4,756	3,760	4,126	6,247	4,998	4,505	3,585
Bosque	19	5	16,326	25,114	20,378	27,211	24,273	16,587	26,254	21,939	28,479	24,836	15,994	21,402	19,419	25,958	23,041
Bowie	28	2	14,095	27,705	27,718	25,760	24,093	14,839	28,824	29,026	27,805	25,221	13,948	27,076	26,622	24,964	22,833
Brazoria	14	4	2,408	4,818	8,337	7,886	5,764	2,456	5,043	8,947	8,454	6,016	2,362	4,298	7,301	7,750	5,130
Brazos	28	2	15,749	21,182	26,831	34,275	36,474	16,665	22,147	28,204	37,216	38,176	15,583	20,085	26,736	34,063	35,435
Brooks	(1)	....	(1)	2,375	1,824	3,814	(1)	(1)	2,255	1,822	3,753	(1)	(1)	2,260	1,817	3,813	(1)
Brown	18	10	9,148	23,583	14,719	18,219	20,558	9,454	24,790	15,526	18,525	20,817	9,120	20,765	14,604	18,203	18,708
Burleson	29	6	16,963	24,458	30,046	34,922	35,894	17,737	25,891	31,969	37,925	37,107	16,862	23,399	29,355	34,542	34,853
Burnet	16	2	8,782	15,818	12,388	10,747	11,187	9,400	16,796	13,277	11,461	11,894	8,654	13,590	12,010	10,664	10,957
Caldwell	33	....	48,406	52,600	58,405	55,913	51,753	50,830	55,774	62,077	59,961	54,850	47,168	50,300	57,187	53,474	49,091
Calhoun	9	1	3,623	5,479	5,238	5,264	3,287	3,737	5,776	5,362	5,388	3,462	3,601	5,274	5,161	4,555	2,754
Callahan	16	1	7,561	19,654	10,384	15,593	10,843	7,951	20,806	10,226	16,332	11,283	7,346	14,681	10,109	15,369	10,486
Cameron [2]	7	5	2,944	4,495	6,701	8,034	12,955	2,978	4,627	6,901	8,285	13,281	2,852	4,388	6,509	7,948	12,797
Camp	19	1	7,826	10,021	12,252	12,431	12,755	8,006	10,009	12,703	12,861	12,479	7,743	9,615	11,905	12,157	12,157
Cass	56	3	15,947	26,320	24,549	26,716	23,434	15,982	25,841	24,524	26,192	22,890	15,683	24,616	23,949	26,230	22,383
Cherokee	42	10	16,454	19,245	22,618	20,393	21,711	16,375	18,952	22,704	20,948	21,298	16,264	17,385	22,002	20,133	20,023
Childress	11	1	16,360	29,004	7,156	19,419	13,959	17,090	30,860	7,027	19,462	14,060	11,656	23,608	6,634	16,611	11,733
Clay	18	4	9,531	30,435	13,022	27,774	9,978	10,183	32,365	13,295	28,779	10,208	8,684	25,367	12,736	25,201	9,247
Coke	9	3	10,186	15,878	4,726	7,351	7,127	10,479	16,793	4,632	7,511	7,374	9,921	12,242	4,615	7,254	6,791
Coleman	25	4	28,639	56,094	24,191	24,216	33,594	30,506	59,841	25,362	25,204	34,881	28,379	45,579	23,981	23,874	31,337
Collin	64	2	51,436	83,374	76,714	101,426	62,529	54,162	86,709	79,813	105,463	62,729	48,258	78,230	70,975	91,235	60,699
Collingsworth	9	1	9,557	21,684	7,504	11,163	10,228	10,042	22,838	7,328	11,308	10,445	6,484	17,128	6,953	9,406	8,524
Colorado	27	2	13,695	15,947	19,010	21,338	18,896	14,692	16,853	20,854	23,681	20,570	13,583	14,696	18,583	20,688	18,161
Comal	14	1	13,699	13,268	16,581	13,965	11,566	14,704	14,316	17,778	15,113	12,336	13,579	12,862	16,257	13,322	10,876
Comanche	15	19	6,234	18,871	21,748	34,399	38,276	6,523	19,886	22,383	36,477	40,236	6,114	16,079	20,813	33,767	35,516
Concho	12	1	12,013	20,399	5,568	4,537	5,273	13,056	21,986	5,830	4,686	5,429	11,701	16,207	5,496	4,508	4,892
Cooke	22	5	15,845	29,027	20,792	35,908	26,783	16,758	30,147	21,865	37,624	27,651	14,251	25,856	19,752	32,754	25,056
Coryell	33	7	21,564	37,680	25,271	36,491	31,927	23,086	39,767	27,091	38,491	33,172	21,274	33,632	24,803	35,706	31,449
Cottle	12	....	13,532	23,897	5,112	11,551	8,419	14,046	25,337	5,082	11,923	8,672	8,755	16,298	4,657	9,780	6,496
Crosby	6	1	3,425	8,035	3,483	1,037	(1)	3,405	8,167	3,588	1,061	(1)	2,506	5,972	2,663	352	(1)

[1] Included in "All other counties," to avoid disclosure of individual operations.

[2] Willacy County organized from parts of Cameron and Hidalgo in 1911.

TABLE 57.—NUMBER OF GINNERIES IN 1915 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES—Continued.

COUNTY.	GINNERIES		TOTAL QUANTITY GINNED.										NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—				
	Active	Idle	Number of bales (counting round as half bales)—					Number of equivalent 500-pound bales—									
	1915		1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
TEXAS—Continued.																	
Dallas	49	4	41,379	64,785	56,697	87,225	44,846	43,026	66,016	57,411	92,301	46,353	39,365	60,040	55,066	80,209	43,488
Dawson	4	....	3,479	6,402	2,173	(1)	(1)	3,723	6,402	2,139	(1)	(1)	3,318	3,268	1,450	(1)	(1)
De Witt	27	....	41,074	48,668	53,008	53,765	41,015	42,618	50,440	54,354	55,109	42,615	40,845	48,071	52,528	51,676	39,984
Delta	23	6	22,524	24,628	31,714	40,567	41,858	24,029	25,909	33,528	41,541	43,249	21,116	24,152	29,163	38,180	40,348
Denton	28	3	29,038	43,292	36,805	56,753	35,294	29,706	44,412	37,313	59,103	36,769	25,962	36,988	34,482	47,863	32,748
Dickens	5	....	9,854	14,928	3,489	6,276	6,302	10,662	16,131	3,511	6,648	6,472	8,431	8,847	3,196	5,875	5,389
Donley	4	1	2,870	7,969	3,819	5,509	6,205	3,040	8,264	3,546	5,540	6,337	1,860	6,545	3,457	3,726	3,787
Duval	8	2	4,742	6,220	3,365	8,979	5,561	4,764	6,213	3,518	9,304	5,709	4,671	6,037	3,342	8,933	5,290
Eastland	20	8	6,936	24,065	27,531	36,656	29,981	7,161	24,570	29,177	37,806	30,838	6,472	19,074	26,483	35,517	28,080
Ellis	77	2	111,304	135,913	120,419	178,353	136,427	117,337	143,714	124,537	187,449	138,774	95,031	125,428	117,951	159,307	131,243
Erath	21	15	9,425	26,668	20,354	39,286	33,876	9,836	28,316	21,669	41,140	34,950	9,277	22,397	19,740	37,929	31,347
Falls	48	....	45,070	67,590	62,315	72,555	65,477	47,657	70,767	67,196	79,317	68,541	43,412	63,895	60,463	69,120	61,594
Fannin	55	7	47,084	63,778	65,036	96,038	85,884	49,853	66,608	69,524	102,588	89,955	42,961	60,200	56,561	87,513	79,285
Fayette	53	1	28,734	38,286	43,810	47,441	41,515	30,878	40,667	47,367	52,109	44,903	28,312	36,266	42,918	45,916	40,007
Fisher	14	....	37,445	41,203	13,848	10,004	13,807	39,182	43,585	13,560	10,492	14,287	34,648	28,680	13,144	9,782	12,850
Floyd	3	1	2,193	5,771	2,936	2,683	(1)	2,229	5,943	2,985	2,629	(1)	164	4,060	1,684	1,710	(1)
Foard	7	1	9,900	14,096	2,956	9,879	7,225	10,793	15,055	2,877	10,154	7,293	7,280	9,769	2,791	8,162	6,400
Fort Bend	26	6	12,696	19,275	33,775	32,345	23,798	13,224	19,923	35,038	34,240	25,302	12,611	17,834	32,956	32,017	23,055
Franklin	13	1	6,447	8,117	11,031	12,950	10,081	6,722	8,174	11,461	13,419	10,121	6,327	7,963	10,702	12,402	10,003
Freestone	27	....	17,634	20,776	24,762	24,880	29,645	18,650	21,773	26,292	26,293	31,370	17,470	19,715	24,348	23,794	28,264
Frio	11	2	7,462	12,939	15,417	16,542	10,554	7,790	13,508	16,592	17,525	10,755	7,281	12,683	15,371	16,267	9,242
Gillespie	18	1	10,159	17,655	13,468	9,524	9,444	10,734	18,764	14,034	10,055	10,043	10,104	16,727	13,140	9,460	9,325
Goliad	13	1	16,912	18,038	14,401	18,185	13,139	17,291	18,099	14,018	17,905	13,205	16,878	17,932	14,282	17,924	12,731
Gonzales	33	....	29,971	37,650	49,908	44,865	36,604	31,107	40,082	55,325	49,235	39,020	29,732	36,613	48,613	44,163	35,755
Grayson	46	8	37,246	50,553	54,118	77,049	49,495	38,304	52,282	55,828	79,638	50,564	34,306	46,309	50,066	68,344	46,892
Gregg	20	2	7,391	10,208	9,176	12,011	12,167	7,514	9,777	8,993	12,174	12,109	7,350	9,768	8,988	11,878	11,575
Grimes	34	7	15,659	21,595	27,063	27,661	28,843	16,273	22,657	28,611	29,520	30,129	15,536	19,131	26,660	27,495	28,077
Guadalupe	33	1	44,442	43,178	54,922	47,107	37,307	46,941	45,813	58,953	51,516	39,732	43,757	41,571	52,866	43,956	35,210
Hale	(1)	....	(1)	1,566	335	732	(1)	(1)	1,629	337	737	(1)	(1)	1,224	281	513	(1)
Hall	17	2	27,433	39,168	14,584	24,116	28,437	28,964	41,573	14,479	24,642	29,040	20,410	33,590	12,832	18,504	21,284
Hamilton	20	....	12,311	23,349	14,418	23,476	23,178	13,035	24,624	15,551	25,101	24,620	12,255	20,565	13,967	22,821	22,266
Hardeman	10	....	19,449	27,516	4,728	17,567	11,452	21,118	30,025	4,705	17,145	11,644	13,291	20,111	4,361	12,347	9,500
Harris	13	2	3,222	5,201	6,511	4,235	4,649	3,239	5,226	6,700	4,307	4,719	3,072	4,381	6,222	4,111	4,299
Harrison	37	10	15,863	19,948	22,534	24,683	26,919	16,218	20,159	23,305	24,905	27,560	15,764	19,378	21,902	24,442	24,721
Haskell	22	2	29,820	51,539	15,602	25,226	14,760	31,281	54,322	17,240	26,457	15,182	25,215	33,751	14,180	20,858	12,717
Hays	20	1	22,499	23,377	28,992	31,289	24,433	23,822	24,261	31,068	33,730	26,138	22,038	21,952	28,520	29,033	23,424
Henderson	28	7	14,630	19,719	27,477	23,223	26,894	14,691	19,900	28,114	23,808	27,513	14,460	18,862	26,713	22,530	25,924
Hidalgo[2]	(1)	....	(1)	1,218	1,924	5,854	10,630	(1)	1,151	1,925	6,037	11,289	(1)	1,108	1,894	5,619	10,131
Hill	67	3	78,638	88,833	76,670	126,097	117,221	83,160	94,127	77,374	134,798	120,550	69,024	81,001	67,734	119,320	113,877
Hood	10	6	5,291	12,256	7,778	17,291	10,608	5,478	12,751	7,969	17,875	10,608	5,252	9,397	7,547	15,230	10,094
Hopkins	40	....	27,544	33,427	51,153	42,771	45,557	28,431	34,918	53,700	44,157	46,249	27,039	32,551	48,587	40,071	44,210
Houston	39	5	21,399	25,093	29,817	30,527	35,959	22,730	26,082	30,324	32,505	38,109	21,188	22,519	28,698	29,861	32,715
Howard	7	....	9,507	12,857	4,667	3,733	7,132	10,235	13,400	5,404	3,585	7,295	8,666	8,010	4,386	3,643	6,509
Hunt	60	5	53,464	69,646	68,494	82,743	84,616	55,560	72,571	70,576	85,159	86,183	50,258	67,438	64,576	75,307	81,792
Jack	17	3	4,452	13,302	5,997	15,963	6,850	4,587	13,773	6,345	16,254	6,990	4,281	10,404	5,807	14,692	6,109
Jackson	10	3	4,257	5,308	7,690	6,507	3,905	4,341	5,552	8,124	7,077	4,017	4,256	5,073	7,527	6,455	3,803
Jasper	11	1	801	1,597	1,211	883	417	785	1,547	1,190	828	387	660	1,110	877	597	232
Jim Wells	7	3	4,681	4,785	2,409	7,043	4,341	4,679	5,026	2,518	7,126	4,514	4,614	4,700	2,389	7,017	4,324
Johnson	34	....	33,606	51,114	46,480	68,302	56,602	35,256	53,240	49,557	73,561	58,945	31,553	45,476	44,604	62,816	53,677
Jones	27	4	47,568	65,168	20,882	35,302	25,165	52,410	69,586	21,191	36,333	26,292	42,456	42,137	19,740	32,886	22,743
Karnes	22	....	32,591	39,002	29,434	34,031	26,112	33,666	39,821	29,786	34,483	26,105	32,382	38,498	29,298	32,972	25,317
Kaufman	57	5	57,254	81,938	71,453	98,263	67,062	61,150	86,281	76,216	104,511	69,273	53,112	77,148	67,563	92,213	64,765
Kendall	6	....	1,410	3,260	2,584	2,365	1,575	1,504	3,431	2,709	2,496	1,659	1,382	3,077	2,550	2,365	1,546
Kent	6	....	8,563	9,680	3,767	3,000	2,924	9,385	10,460	3,790	3,141	2,837	8,121	5,767	3,549	2,819	2,690
Kerr	(1)	....	(1)	1,552	971	527	327	(1)	1,630	1,024	552	344	(1)	1,535	957	527	324
Kimble	(1)	....	(1)	1,809	1,429	458	(1)	(1)	1,875	1,464	462	(1)	(1)	1,466	1,328	430	(1)
Kleberg[3]	(1)	....	(1)	1,132	1,760	(1)	(1)	(1)	1,139	1,799	(1)	(1)	(1)	1,113	1,750	(1)	(1)
Knox	16	3	16,036	37,156	13,146	19,567	13,155	17,098	39,452	13,272	19,947	13,271	10,722	27,340	12,160	17,260	12,072
La Salle	4	1	979	2,372	2,103	4,019	1,341	999	2,442	2,270	4,103	1,345	933	2,299	2,087	3,871	1,249
Lamar	61	1	42,776	56,792	72,533	81,593	95,989	45,360	59,132	74,753	85,983	100,251	38,341	55,915	68,717	77,094	89,807
Lampasas	12	1	5,064	8,847	5,074	6,249	6,671	5,496	9,394	5,447	6,726	7,029	5,042	7,789	4,967	6,172	6,513
Lavaca	38	1	29,521	33,441	38,630	41,652	39,308	31,487	35,253	42,114	46,650	43,207	29,306	32,190	38,038	40,508	37,965
Lee	23	2	9,973	11,858	15,164	15,575	14,130	10,595	12,488	16,044	16,511	15,109	9,347	10,850	14,618	15,030	13,134
Leon	33	2	14,230	16,572	22,528	21,235	28,156	14,470	16,893	23,716	21,948	29,233	14,021	15,615	21,615	20,894	25,923
Liberty	11	2	1,303	2,368	2,713	1,934	1,826	1,316	2,395	2,731	1,811	1,818	1,201	1,924	2,567	1,715	1,388
Limestone	47	2	54,208	68,665	62,946	84,011	80,701	56,105	70,794	64,331	88,900	83,219	50,088	65,018	62,459	82,138	78,322
Live Oak	6	....	1,874	1,992	674	2,150	(1)	1,934	2,029	683	2,223	(1)	1,870	1,986	668	2,130	(1)
Llano	6	4	1,759	3,479	4,444	2,512	3,541	1,942	3,641	4,720	2,653	3,766	1,749	3,085	4,123	2,491	3,426
Lubbock	3	....	1,212	(1)	(1)	(1)	(1)	1,216	(1)	(1)	(1)	(1)	1,049	(1)	(1)	(1)	(1)
Lynn	4	....	4,302	6,701	1,923	(1)	(1)	4,757	6,835	1,896	(1)	(1)	3,747	4,370	1,593	(1)	(1)
McCulloch	20	1	17,283	37,816	15,882	12,369	12,641	18,534	40,932	16,949	12,767	13,268	16,838	30,037	15,650	12,271	11,863
McLennan	74	2	74,143	93,366	98,367	132,226	120,801	79,403	99,622	106,055	143,915	127,198	68,890	85,710	93,391	126,587	114,275
Madison	13	1	8,797	10,618	13,017	13,747	14,606	9,334	11,072	13,788	14,338	15,363	8,727	9,899	12,329	13,655	14,258
Marion	18	....	4,236	5,254	6,313	6,789	7,862	4,373	5,184	6,395	6,877	7,845	4,180	4,912	6,070	6,710	7,302
Mason	8	1	2,728	5,088	4,974	3,704	4,640	2,948	5,351	5,266	4,060	4,919	2,726	4,747	4,809	3,689	4,563
Matagorda	7	8	1,446	3,643	6,821	6,516	4,344	1,486	3,682	7,155	6,934	4,506	1,435	3,114	6,601	6,471	1,641
Medina	17	2	5,492	15,789	13,000	17,838	10,344	5,751	16,661	13,468	18,933	10,874	5,321	15,485	12,811	17,513	9,550

[1] Included in "All other counties," to avoid disclosure of individual operations.
[2] Parts of Hidalgo County included in Brooks and Willacy, organized in 1911.
[3] Kleberg County organized from part of Nueces.

TABLE 57.—NUMBER OF GINNERIES IN 1915 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1911 TO 1915, BY COUNTIES—Continued.

COUNTY.	GINNERIES		TOTAL QUANTITY GINNED.										NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES).				
	Active	Idle	Number of bales (counting round as half bales)—					Number of equivalent 500-pound bales—									
	1915		1915	1914	1913	1912	1911	1915	1914	1913	1912	1911	1915	1914	1913	1912	1911
TEXAS—Continued.																	
Menard	4	....	864	3,038	1,969	870	1,230	887	3,165	2,114	885	1,277	849	1,738	1,889	764	734
Milam	56	3	41,104	61,330	62,220	76,603	83,525	43,759	64,323	66,184	81,521	88,055	39,713	59,437	60,867	74,826	80,778
Mills	12	4	6,328	17,140	9,006	12,671	13,647	6,772	18,000	9,465	13,472	14,125	6,244	15,703	8,793	12,486	13,070
Mitchell	15	1	24,574	33,061	12,028	9,907	13,792	26,275	34,535	13,481	10,024	13,889	19,154	23,193	11,431	9,751	12,825
Montague	28	2	20,845	43,595	21,807	39,318	29,147	21,837	46,036	22,426	41,048	29,986	19,349	33,388	21,319	33,429	27,091
Montgomery	16	2	4,662	8,896	8,312	8,305	7,359	4,820	8,937	8,620	8,577	7,721	4,605	7,953	8,192	8,237	7,171
Morris	20	....	7,627	10,429	9,854	11,717	11,097	7,560	10,081	9,866	11,476	10,735	7,463	10,030	9,646	11,251	10,452
Motley	6	....	4,122	8,559	2,857	2,858	5,241	4,310	8,705	2,915	2,901	5,287	1,916	4,199	2,452	2,200	3,077
Nacogdoches	41	9	12,578	15,950	21,717	21,304	21,974	12,558	15,369	21,487	21,010	22,273	12,442	14,711	20,510	21,071	21,155
Navarro	69	3	81,273	93,717	98,470	103,651	109,913	85,922	97,372	102,212	111,300	113,254	71,544	86,788	95,575	96,454	106,572
Newton	7	7	341	597	595	393	423	318	559	541	360	397	280	389	389	239	237
Nolan	11	....	17,296	22,398	7,302	8,452	10,987	18,161	23,621	7,315	8,741	11,470	16,179	16,153	6,961	8,303	10,360
Nueces[1]	21	....	32,332	26,346	14,853	18,882	10,742	33,315	27,500	15,186	19,951	11,028	31,812	25,817	14,709	18,749	10,682
Palo Pinto	13	5	4,718	10,052	7,487	17,703	10,695	4,960	10,354	7,530	18,093	10,631	4,635	8,366	7,298	16,504	9,500
Panola	33	6	16,423	19,409	21,274	24,494	23,205	16,666	19,762	21,840	24,411	23,372	16,229	18,518	20,406	24,145	22,565
Parker	29	1	11,863	24,144	19,157	38,578	23,491	12,686	24,921	19,904	40,144	23,637	11,634	19,720	18,464	34,817	21,580
Polk	23	3	5,914	6,248	9,101	7,092	6,303	6,017	6,305	9,400	7,527	6,515	5,819	5,128	8,681	6,903	5,577
Rains	8	1	4,384	6,723	7,882	8,789	9,405	4,677	7,071	8,350	9,536	9,668	4,234	6,549	7,665	8,444	9,186
Red River	43	3	23,140	40,466	44,929	42,718	51,152	24,751	42,271	48,020	44,991	53,884	22,628	39,845	44,130	41,552	48,166
Refugio	10	....	9,877	9,410	9,226	7,842	(2)	10,205	9,649	9,730	8,407	(2)	9,768	9,089	8,616	6,060	(2)
Robertson	45	4	26,364	40,618	42,150	50,840	66,253	28,088	42,438	43,001	53,006	69,022	26,166	39,186	41,126	49,471	60,208
Rockwall	16	....	16,930	29,171	23,029	29,804	21,763	17,827	30,350	24,544	31,211	22,159	16,191	28,496	22,603	27,827	21,118
Runnels	23	5	40,157	58,184	16,054	24,853	30,760	43,843	62,687	16,847	25,663	31,071	37,212	47,067	15,697	21,475	28,783
Rusk	67	6	23,590	29,881	29,496	32,654	33,928	23,161	28,929	29,160	32,994	33,670	23,026	27,281	28,456	31,635	31,587
Sabine	20	1	2,573	3,798	4,445	3,796	3,584	2,509	3,622	4,498	3,798	3,555	2,501	3,490	3,785	3,189	3,149
San Augustine	30	2	5,900	7,365	10,878	8,526	7,340	5,896	7,029	10,643	8,506	7,246	5,873	6,987	10,047	8,451	7,185
San Jacinto	13	1	5,229	5,059	7,833	6,837	6,709	5,359	5,069	8,099	7,048	7,031	5,179	4,207	7,583	6,773	6,113
San Patricio	12	....	19,601	18,524	19,404	16,678	13,666	20,299	18,717	19,839	17,165	14,030	19,601	18,492	19,390	16,511	13,633
San Saba	17	2	7,735	14,181	9,576	9,524	12,120	8,162	15,038	10,095	9,909	12,588	7,702	12,017	9,242	9,489	11,564
Schleicher	3	....	1,100	(2)	(2)	(2)	(2)	1,193	(2)	(2)	(2)	(2)	1,084	(2)	(2)	(2)	(2)
Scurry	11	....	18,227	29,902	10,014	7,795	13,110	19,856	30,901	9,946	7,935	13,220	16,190	20,778	9,538	7,712	11,820
Shackelford	(2)	....	(2)	5,809	1,931	4,727	2,422	(2)	6,191	2,002	4,838	2,467	(2)	4,332	1,894	4,420	2,014
Shelby	42	14	17,333	19,502	24,802	23,505	22,152	16,917	19,034	25,420	22,875	21,443	17,078	18,513	23,112	23,263	20,946
Smith	76	11	28,057	33,425	39,288	46,934	49,021	29,168	33,144	39,233	47,554	48,521	27,422	30,839	38,502	45,603	45,027
Somervell	5	....	1,809	3,658	2,134	4,328	3,059	1,910	3,681	2,203	4,486	3,054	1,777	2,800	2,049	3,986	2,850
Stephens	7	....	1,531	5,004	2,807	5,492	2,124	1,660	5,258	2,945	5,808	1,983	1,472	3,913	2,748	5,334	1,953
Stonewall	9	....	13,865	16,472	6,473	5,227	5,160	15,063	17,800	6,513	5,238	5,324	12,789	10,988	5,732	4,500	4,609
Tarrant	25	8	19,255	28,728	27,725	47,305	31,582	20,095	29,808	28,180	48,885	32,433	18,344	23,556	26,542	41,093	29,353
Taylor	27	4	32,933	51,387	14,207	24,996	23,316	35,680	54,994	14,557	26,246	24,449	31,745	34,222	13,688	24,538	21,190
Throckmorton	4	1	2,752	9,647	3,267	7,492	1,960	2,972	10,322	3,352	7,865	2,054	2,623	7,452	3,180	7,357	1,808
Titus	26	....	10,353	15,218	16,243	17,025	15,733	10,635	15,358	16,623	17,304	15,881	10,158	14,484	15,642	16,305	15,302
Tom Green	7	2	7,123	10,330	3,589	3,953	3,379	7,723	11,047	3,753	4,102	3,484	6,880	8,442	3,436	3,817	2,918
Travis	47	3	48,700	58,130	63,525	68,709	59,814	52,538	61,967	66,879	73,574	64,312	46,974	55,305	61,833	65,055	56,971
Trinity	13	1	5,048	5,747	7,892	7,732	8,323	5,247	5,877	8,348	8,095	8,596	4,942	5,037	7,441	7,566	7,798
Tyler	13	5	1,212	2,210	2,349	1,829	1,631	1,178	2,124	2,359	1,699	1,612	1,177	1,665	2,201	1,746	1,372
Upshur	43	3	16,793	20,474	21,773	23,443	23,729	16,840	20,728	21,912	23,354	23,591	16,297	19,284	20,824	22,714	21,805
Uvalde	6	3	1,597	7,320	6,650	9,725	4,284	1,709	7,777	6,889	9,871	4,503	1,583	7,301	6,604	9,612	4,090
Van Zandt	49	2	22,790	31,191	40,130	39,448	38,392	23,328	31,896	40,275	40,939	40,227	22,106	28,964	39,215	36,550	32,545
Victoria	19	2	12,929	12,916	23,752	20,156	14,148	13,583	13,688	24,859	21,228	14,745	12,885	12,570	23,547	19,597	13,887
Walker	17	10	8,609	9,510	13,194	15,716	14,592	8,203	10,052	14,239	16,939	15,497	7,882	7,573	12,912	15,174	13,813
Waller	23	....	5,689	9,873	11,621	13,322	15,998	5,946	10,203	11,972	13,586	16,385	5,592	9,303	11,204	13,219	15,469
Ward	(2)	....	(2)	3,251	1,608	1,208	(2)	(2)	3,401	1,648	1,243	(2)	(2)	1,339	1,247	1,022	(2)
Washington	44	3	22,814	32,442	41,248	38,154	40,649	24,356	34,200	45,959	41,084	43,397	22,620	30,990	40,641	36,983	39,565
Wharton	17	5	10,730	14,717	21,091	24,695	15,923	11,204	15,665	22,205	25,293	16,751	10,629	12,423	20,245	24,228	14,975
Wheeler	(2)	....	(2)	5,192	1,859	2,918	4,381	(2)	4,940	1,758	2,887	4,450	(2)	3,085	1,729	2,481	2,976
Wichita	9	1	5,784	14,320	6,003	13,445	4,290	6,019	15,291	6,063	13,337	4,280	4,971	12,161	5,716	11,516	3,860
Wilbarger	17	....	25,564	38,029	11,168	34,284	17,261	27,814	40,919	11,070	35,052	17,965	17,664	27,286	9,929	24,209	14,188
Williamson	71	6	78,898	105,714	103,131	124,187	121,139	84,648	112,791	114,262	134,689	130,104	74,151	99,964	101,308	118,333	117,931
Wilson	18	1	24,661	27,920	27,854	24,289	20,375	25,569	29,383	29,631	25,465	20,986	24,379	26,608	27,524	23,476	18,723
Wise	30	3	16,290	28,797	19,669	38,790	27,616	16,756	29,667	20,043	40,373	28,649	15,903	22,734	18,800	34,486	25,166
Wood	35	1	18,962	22,216	28,823	30,936	29,362	19,383	22,096	28,783	31,060	29,879	18,515	21,243	27,839	29,421	28,224
Young	16	4	9,149	27,791	11,195	25,826	7,672	9,036	29,570	11,428	26,565	7,764	8,428	21,204	10,891	22,832	6,966
All other	47	42	24,446	27,027	12,650	10,794	38,891	25,115	27,797	12,974	10,824	39,160	20,671	18,170	11,301	8,507	25,083
VIRGINIA.																	
The state	121	24	16,357	25,277	24,569	25,499	31,099	15,809	25,222	23,490	24,398	29,891	14,666	20,294	20,832	24,111	25,513
Brunswick	30	3	2,719	3,402	3,727	3,425	4,534	2,520	3,371	3,388	3,199	4,265	2,472	2,983	3,323	3,320	3,929
Greensville	28	1	2,424	3,507	3,189	2,989	3,974	2,338	3,489	2,959	2,998	3,980	2,258	3,098	2,798	2,907	3,384
Isle of Wight	4	....	204	557	(2)	.....	.....	186	557	(2)	.....	.....	95	349	(2)	.....	.....
Mecklenburg	12	5	1,226	1,602	1,848	2,216	2,872	1,121	1,487	1,750	2,066	2,582	1,053	1,309	1,430	1,964	2,482
Nansemond	9	3	2,158	5,427	5,296	5,286	5,248	2,079	5,475	5,290	5,107	5,038	1,931	4,029	4,718	4,957	4,509
Norfolk	3	1	734	1,414	1,357	2,164	(2)	743	1,414	1,338	2,246	(2)	684	1,190	1,163	2,120	(2)
Southampton	20	8	6,022	7,908	7,228	7,601	10,069	5,996	7,989	6,940	7,110	9,823	5,530	6,180	5,990	7,296	7,949
Sussex	11	1	623	1,088	1,389	1,409	1,755	580	1,043	1,316	1,317	1,647	487	916	1,031	1,263	1,355
All other	4	2	247	372	535	409	2,647	246	397	509	415	2,556	156	240	379	284	1,995

[1] Kleberg County organized from part of Nueces.

[2] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 58.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1915.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
ALABAMA.										
The state	38,925	310,756	556,086	726,949	854,907	939,959	987,899	1,007,130	1,012,802	1,025,818
Autauga	621	4,392	6,574	7,877	8,896	9,397	9,604	9,776	9,779	9,806
Barbour	3,062	13,769	18,851	21,075	22,814	24,317	25,597	26,253	26,358	26,392
Bibb	14	728	1,768	2,608	3,282	3,881	4,177	4,276	4,328	4,332
Blount		1,212	4,975	8,756	11,194	12,768	13,379	13,924	14,066	14,449
Bullock	1,039	8,578	13,049	14,735	16,255	17,697	18,806	18,950	18,967	18,977
Butler	327	4,191	6,338	7,696	8,538	9,053	9,248	9,292	9,321	9,342
Calhoun		2,496	7,793	11,867	15,349	17,592	19,165	19,820	19,997	20,274
Chambers	95	9,328	16,152	19,123	22,249	24,744	26,218	26,431	26,504	26,535
Cherokee		1,681	7,180	11,260	15,384	17,831	19,411	19,937	20,212	20,795
Chilton	125	4,969	8,602	10,568	11,712	12,550	12,900	12,949	12,985	13,000
Choctaw	85	679	1,464	2,188	2,564	2,790	2,920	2,957	2,986	3,072
Clarke	73	589	1,526	2,334	3,219	3,704	4,119	4,344	4,428	4,739
Clay	3	2,815	6,961	9,814	12,896	14,794	15,772	16,339	16,738	17,159
Cleburne		1,043	3,265	4,706	6,155	7,283	7,970	8,210	8,314	8,475
Coffee	2,934	12,280	16,572	18,615	19,607	20,163	20,365	20,410	20,412	20,418
Colbert	(1)	2,607	6,132	9,255	11,531	12,849	13,790	13,983	14,022	14,075
Conecuh	44	1,551	2,970	3,798	4,277	4,599	4,692	4,735	4,765	4,885
Coosa	3	2,533	5,704	7,341	9,128	10,770	11,808	12,115	12,258	12,465
Covington	865	3,778	5,373	6,064	6,409	6,671	6,731	6,747	6,753	6,764
Crenshaw	673	7,436	10,194	11,747	12,810	13,688	13,813	13,950	13,950	14,463
Cullman		2,527	9,397	15,645	19,703	22,681	23,892	24,465	24,668	24,938
Dale	2,476	12,487	15,236	17,340	18,501	19,460	20,023	20,329	20,546	20,677
Dallas	1,275	9,240	12,883	15,594	17,087	17,638	17,813	17,832	17,832	17,900
Dekalb		2,094	7,875	13,551	17,974	20,350	21,719	22,266	22,528	22,876
Elmore	1,309	9,723	14,290	16,513	18,422	19,368	19,793	20,026	20,313	20,575
Escambia	251	1,417	2,577	2,840	3,156	3,230	3,287	3,296	3,296	3,303
Etowah	(1)	1,686	5,619	8,812	11,662	13,645	15,061	15,619	15,819	16,590
Fayette	(1)	2,592	5,908	8,144	9,631	10,867	11,434	11,726	11,851	12,079
Franklin		1,946	5,632	9,102	11,220	12,989	13,955	14,278	14,448	14,993
Geneva	6,025	14,531	18,142	19,860	20,197	20,450	20,572	20,616	20,616	20,639
Greene	16	1,387	2,287	3,433	4,222	4,643	4,769	4,814	4,830	4,884
Hale	198	3,617	5,569	7,053	8,094	8,441	8,571	8,675	8,676	8,693
Henry	3,168	10,188	14,363	15,968	16,936	17,824	19,079	19,995	20,110	20,190
Houston	4,416	13,344	17,944	19,893	21,395	22,277	23,012	23,387	23,435	23,446
Jackson		623	3,773	7,512	9,914	11,627	12,691	13,069	13,208	13,396
Jefferson	(1)	647	2,796	4,605	5,908	7,020	7,639	7,854	7,996	8,423
Lamar		2,448	5,466	7,673	8,875	9,735	10,179	10,345	10,451	10,611
Lauderdale	(1)	2,616	8,599	14,929	19,198	21,802	23,180	23,716	23,891	24,329
Lawrence		3,036	8,178	13,370	16,947	18,962	20,550	20,956	21,027	21,310
Lee	502	8,721	14,673	17,209	19,301	20,865	21,866	22,109	22,183	22,336
Limestone		3,497	9,518	15,472	19,685	22,025	23,871	24,585	24,752	25,210
Lowndes	212	5,461	8,140	9,567	11,183	11,963	12,245	12,296	12,304	12,313
Macon	1,204	10,437	15,596	17,438	19,022	20,065	21,161	21,274	21,378	21,382
Madison	(1)	3,413	13,232	20,415	25,592	28,302	30,207	30,658	30,788	31,823
Marengo	328	5,647	8,700	10,905	12,035	12,583	12,718	12,872	12,876	12,891
Marion		2,311	6,334	9,582	11,776	13,265	13,858	14,061	14,108	14,243
Marshall		2,825	9,580	16,859	21,933	25,014	26,853	27,575	27,711	28,801
Monroe	251	4,102	6,430	7,156	8,739	9,637	9,850	10,313	10,390	10,530
Montgomery	2,493	15,073	21,733	24,989	27,726	29,406	30,713	31,037	31,062	31,112
Morgan		3,776	11,120	17,866	22,420	24,837	26,070	26,906	26,960	27,400
Perry	279	4,112	6,035	7,644	8,804	9,451	9,683	9,791	9,822	9,853
Pickens	(1)	1,136	2,585	4,088	5,361	6,634	7,099	7,225	7,287	7,304
Pike	2,800	16,263	22,540	25,510	28,050	29,513	29,889	29,989	29,999	30,004
Randolph	8	5,494	10,587	13,182	15,786	17,716	18,485	18,864	18,934	19,160
Russell	891	9,092	13,879	16,317	18,083	19,675	21,104	21,357	21,368	21,894
St. Clair	8	1,562	4,174	6,127	7,748	9,171	10,152	10,490	10,649	10,719
Shelby	4	2,064	4,813	6,970	8,403	9,734	10,178	10,489	10,586	10,749
Sumter	16	1,258	2,816	4,056	4,844	5,588	5,716	5,802	5,840	5,925
Talladega	23	6,827	14,980	20,746	25,086	27,687	29,481	30,068	30,110	30,166
Tallapoosa	269	6,958	12,319	15,033	18,288	21,230	21,983	22,994	23,019	23,307
Tuscaloosa	83	2,478	5,445	7,432	8,732	9,893	10,486	10,694	10,792	10,963
Walker		594	2,771	4,515	5,771	6,776	7,177	7,347	7,451	7,606
Wilcox	429	3,523	5,609	7,253	8,405	8,822	8,899	8,913	8,913	8,916
Winston	(1)	1,128	4,010	6,179	7,482	8,556	8,862	9,142	9,209	9,291
All other	28	200	490	1,175	1,341	1,396	1,589	1,617	1,627	1,651
ARKANSAS.										
The state	270	60,980	283,423	445,115	573,528	655,145	722,184	753,180	762,487	789,583
Arkansas		88	863	1,562	2,208	2,704	2,958	3,021	3,037	3,062
Ashley	16	4,100	10,152	11,896	13,848	15,084	15,406	15,468	15,468	15,552
Baxter				34	270	487	679	783	798	965
Bradley	11	603	2,747	3,883	4,514	4,854	4,992	5,081	5,089	5,168
Calhoun	(1)	494	2,713	3,746	4,389	4,677	4,849	4,900	4,914	4,960
Chicot	88	2,636	6,408	8,273	10,105	11,909	13,874	15,208	15,430	15,433
Clark		966	4,277	6,467	7,803	8,391	8,816	8,892	8,903	8,950
Clay		71	2,037	5,017	6,888	8,025	8,824	9,228	9,247	9,636
Cleburne		9	550	1,312	1,991	2,302	2,672	2,806	2,829	2,981
Cleveland	12	1,940	5,044	6,911	7,745	8,318	8,513	8,619	8,673	8,769

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 58.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1915—Continued.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
ARKANSAS—Continued.										
Columbia	5	5,061	12,756	15,809	17,739	18,876	19,185	19,358	19,449	19,479
Conway		885	5,222	8,796	11,147	12,619	14,377	15,168	15,530	16,123
Craighead		312	2,992	6,067	8,724	10,487	11,947	12,557	12,725	13,412
Crawford		32	1,152	2,679	4,539	5,797	6,995	7,623	7,702	8,201
Crittenden		2,421	14,196	21,257	27,037	30,368	32,500	35,057	35,302	38,409
Cross	(1)	377	2,770	4,815	6,271	7,234	8,041	8,440	8,514	8,765
Dallas	(1)	409	1,731	2,617	3,201	3,619	3,775	3,879	3,902	3,946
Desha	25	2,207	7,021	8,601	11,006	12,334	14,107	14,175	14,329	14,664
Drew	3	1,605	6,756	9,106	10,897	12,243	13,052	13,340	13,355	13,408
Faulkner		724	6,265	10,709	13,383	14,918	16,722	17,305	17,471	17,906
Franklin		24	1,547	3,848	5,858	7,295	8,601	8,948	9,064	9,346
Fulton			21	184	529	886	1,069	1,157	1,215	1,349
Grant	(1)	518	1,624	2,353	2,996	3,231	3,401	3,559	3,607	3,850
Greene		98	1,545	3,119	4,949	6,044	6,842	7,231	7,291	7,944
Hempstead	(1)	2,243	7,470	9,911	11,424	12,036	12,251	12,264	12,286	12,318
Hot Spring		412	1,617	2,611	3,053	3,380	3,557	3,626	3,647	3,688
Howard		1,135	4,295	5,969	6,916	7,423	7,814	7,894	7,923	8,008
Independence		47	1,061	2,970	4,300	5,158	5,915	6,289	6,351	6,574
Izard		4	197	830	1,634	2,123	2,559	2,700	2,734	2,814
Jackson		1,113	7,930	14,738	19,941	22,810	25,252	26,177	26,286	26,776
Jefferson	(1)	3,552	15,745	22,834	28,659	32,816	36,398	38,756	39,908	40,383
Johnson		149	2,229	4,642	6,504	7,432	8,470	8,874	8,969	9,309
Lafayette	(1)	1,310	4,056	5,336	6,018	6,515	6,736	6,767	6,816	6,840
Lawrence		183	3,602	7,612	11,720	13,714	15,145	15,865	16,093	16,613
Lee	(1)	1,190	8,048	12,362	16,642	19,208	21,594	22,819	23,183	23,944
Lincoln		1,665	7,369	9,967	12,248	13,919	15,152	16,068	16,162	16,466
Little River		473	2,655	3,883	4,644	5,021	5,357	5,471	5,495	5,527
Logan		171	3,587	7,398	10,417	12,033	14,081	14,709	14,863	15,251
Lonoke	(1)	3,042	11,408	18,268	24,154	27,833	31,539	32,843	33,177	34,770
Miller	(1)	1,122	3,849	5,021	5,862	6,292	6,708	6,800	6,836	6,908
Mississippi	(1)	2,585	14,487	23,743	31,383	35,293	38,506	40,697	41,189	45,067
Monroe		685	4,596	7,643	9,641	11,140	11,932	12,275	12,335	12,538
Montgomery		12	476	1,090	1,229	1,795	1,886	2,048	2,059	2,181
Nevada		2,325	5,898	8,444	8,655	10,535	10,738	10,743	10,743	11,523
Ouachita	9	1,084	3,727	4,932	5,835	6,330	6,559	6,677	6,693	6,747
Perry		180	1,324	2,495	3,127	3,543	4,046	4,203	4,234	4,290
Phillips		2,200	11,152	17,020	22,503	26,926	29,840	31,271	32,027	33,139
Pike		147	888	1,487	1,985	2,214	2,268	2,347	2,347	2,366
Poinsett	(1)	958	4,259	6,628	8,354	9,334	10,026	10,542	10,600	11,160
Polk		(1)	302	932	1,391	1,760	2,122	2,374	2,453	2,501
Pope		577	4,886	8,970	11,640	13,298	15,278	16,034	16,318	17,093
Prairie		261	2,142	3,919	5,023	5,835	6,472	6,646	6,702	6,881
Pulaski	(1)	997	6,257	9,303	13,238	15,453	17,102	18,119	18,589	20,269
Randolph			995	2,679	4,066	4,766	5,437	5,717	5,837	5,968
St. Francis	(1)	1,507	9,650	13,000	17,420	20,122	22,084	22,400	23,396	24,046
Saline		124	1,035	1,821	2,287	2,766	2,990	3,057	3,072	3,102
Scott		24	936	2,566	3,874	4,646	5,591	5,924	5,993	6,082
Sebastian		11	1,124	2,849	4,688	5,868	6,941	7,587	7,709	7,928
Sevier		243	1,315	2,134	2,753	3,115	3,298	3,353	3,357	3,377
Sharp		6	299	942	1,538	1,926	2,261	2,402	2,425	2,534
Union	13	1,751	6,235	8,490	9,693	10,557	10,969	11,151	11,220	11,310
Van Buren		5	548	1,444	2,188	2,726	3,234	3,520	3,587	3,747
White		237	3,670	7,491	10,407	12,032	13,861	14,628	14,928	15,484
Woodruff	(1)	1,128	7,438	12,348	15,970	18,138	20,199	21,009	21,080	21,746
Yell		517	4,152	7,834	10,753	12,367	14,412	15,258	15,435	15,840
All other	88	5	125	1,498	1,774	2,245	3,407	3,473	3,521	4,071
FLORIDA.										
The state	**4,701**	**19,020**	**32,165**	**40,389**	**46,553**	**50,270**	**53,405**	**54,687**	**55,025**	**55,354**
Alachua	209	1,806	3,633	4,819	5,495	5,868	6,028	6,133	6,159	6,172
Baker	(1)	(1)	588	878	1,112	1,112	1,162	1,167	1,167	1,167
Bradford	45	849	1,931	2,488	2,865	2,974	3,026	3,057	3,062	3,074
Columbia	6	272	897	1,296	1,682	1,891	1,985	2,046	2,073	2,073
Hamilton	73	1,010	1,861	2,436	3,298	3,472	3,761	3,847	3,865	3,869
Holmes	280	716	875	956	993	1,025	1,033	1,034	1,034	1,034
Jackson	3,069	9,001	12,050	13,328	13,929	14,396	14,725	14,796	14,819	14,807
Jefferson	424	1,730	2,642	3,195	3,519	3,812	4,074	4,172	4,178	4,189
Lafayette		31	205	274	359	364	403	417	444	449
Leon	59	853	1,810	2,427	2,824	3,233	3,561	3,659	3,663	3,663
Madison	63	974	2,573	3,530	4,715	5,578	6,047	6,390	6,430	6,444
Suwannee		443	1,451	2,391	3,250	3,876	4,412	4,788	4,902	4,940
Washington	(1)	620	800	904	941	961	978	978	978	978
All other	473	715	849	1,467	1,571	1,708	2,210	2,223	2,251	2,435

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 58.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1915—Continued.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
GEORGIA.										
The state	133,408	715,512	1,178,045	1,428,250,	1,636,919	1,768,270	1,861,362	1,906,771	1,918,836	1,937,730
Appling	140	994	2,000	2,581	3,007	3,257	3,483	3,617	3,678	3,690
Bacon	89	603	1,300	1,777	2,192	2,372	2,474	2,638	2,703	2,718
Baker	1,174	3,857	5,089	5,656	5,869	6,023	6,239	6,339	6,348	6,372
Baldwin	300	4,067	6,842	7,602	8,225	8,670	9,181	9,512	9,562	9,562
Banks	(1)	1,384	3,619	5,328	7,446	8,901	9,686	10,128	10,387	10,581
Barrow	4	3,585	6,910	9,580	12,644	13,955	14,656	15,181	15,216	15,312
Bartow	(1)	2,850	8,329	12,009	15,987	17,914	19,107	19,680	19,939	20,210
Ben Hill	2,159	5,542	7,481	8,493	8,986	9,217	9,477	9,697	9,794	9,831
Berrien	1,767	7,289	11,335	13,662	15,404	17,209	18,206	18,778	18,925	19,108
Bibb	435	3,609	5,875	6,621	7,174	7,618	8,095	8,553	8,668	8,777
Bleckley	998	5,429	7,665	8,625	9,401	9,687	9,876	9,956	9,966	9,972
Brooks	3,816	10,188	12,638	14,162	15,218	15,736	16,185	16,520	16,567	16,581
Bryan	52	567	1,238	1,497	1,689	1,921	2,042	2,092	2,115	2,120
Bulloch	1,636	8,769	13,755	16,483	18,658	20,053	20,793	21,187	21,390	21,753
Burke	3,432	19,218	29,624	33,895	36,956	38,313	40,144	41,111	41,418	41,611
Butts	68	4,098	7,377	8,745	10,041	10,916	11,439	11,604	11,646	11,677
Calhoun	2,614	8,146	10,624	11,668	12,806	12,718	13,315	13,652	13,691	13,092
Campbell	(1)	3,634	6,895	9,245	11,414	12,589	13,317	13,548	13,571	13,777
Candler	1,257	4,064	5,717	6,296	6,784	7,023	7,318	7,378	7,432	7,438
Carroll	16	7,824	17,298	23,344	29,688	33,782	35,927	36,859	36,949	38,625
Chattahoochee	71	1,562	2,838	3,210	3,565	3,972	4,185	4,244	4,246	4,293
Chattooga		775	3,577	5,910	8,339	9,706	10,732	11,277	11,424	11,810
Cherokee		995	3,527	5,768	7,541	9,493	9,880	10,643	10,719	10,971
Clarke	(1)	2,371	5,729	7,604	9,980	11,038	11,732	11,994	12,059	12,139
Clay	1,566	4,473	6,320	7,161	7,782	8,071	8,498	8,760	8,788	8,793
Clayton	(1)	3,316	6,823	8,692	10,124	11,071	11,548	11,680	11,736	11,777
Cobb	(1)	2,578	7,483	10,778	14,148	16,793	18,222	18,862	18,959	19,388
Coffee	1,845	8,071	12,425	15,356	17,334	18,276	19,008	19,818	20,071	20,144
Colquitt	4,951	12,106	15,433	16,880	17,787	18,247	18,990	19,630	19,684	19,690
Columbia	159	3,791	7,050	8,644	9,769	10,709	11,491	11,841	11,883	11,905
Coweta	45	7,989	14,906	19,189	23,094	24,912	26,130	26,628	26,677	26,870
Crawford	131	2,283	3,493	3,967	4,257	4,640	4,943	5,034	5,043	5,051
Crisp	5,650	14,083	16,938	18,142	18,703	19,112	19,383	19,703	19,797	19,932
Decatur	2,701	7,718	10,494	11,861	12,517	12,982	13,455	13,823	13,877	13,933
Dekalb	(1)	1,824	4,846	6,953	9,143	10,481	11,461	11,774	11,826	11,918
Dodge	4,211	14,588	19,457	21,815	22,959	23,478	23,881	24,600	24,715	24,840
Dooly	6,042	20,640	27,543	30,703	31,971	32,686	33,139	33,498	33,530	33,726
Dougherty	2,423	7,615	10,083	10,989	11,516	11,942	12,415	13,004	13,052	13,089
Douglas		1,824	4,500	6,162	8,035	8,929	9,606	9,831	9,923	10,059
Early	3,615	10,393	13,702	15,435	16,225	16,861	17,365	17,692	17,703	17,703
Effingham	67	951	1,448	2,024	2,257	2,467	2,640	2,699	2,729	2,812
Elbert	(1)	4,315	10,845	14,010	16,576	18,276	19,428	19,994	20,145	20,291
Emanuel	1,751	12,764	19,875	22,809	24,954	26,231	27,134	27,365	27,499	27,743
Evans	439	2,071	3,713	4,356	4,900	5,175	5,462	5,688	5,799	5,851
Fayette	(1)	3,549	7,417	9,620	11,215	12,447	12,786	12,854	12,889	13,011
Floyd	(1)	2,054	6,751	10,455	13,988	16,179	17,518	18,124	18,419	19,123
Forsyth		771	3,172	5,186	7,242	8,734	9,402	9,705	9,857	10,044
Franklin	(1)	4,170	9,991	13,897	18,348	20,883	22,588	23,341	23,664	23,979
Fulton		338	934	1,305	1,646	1,990	2,133	2,169	2,181	2,184
Glascock	18	1,141	2,209	2,666	3,090	3,519	3,851	3,957	4,001	4,017
Gordon		1,143	4,947	7,823	10,976	12,615	13,773	14,172	14,385	14,069
Grady	1,656	3,944	5,892	5,893	6,062	6,308	6,545	6,764	6,785	6,879
Greene	(1)	3,182	7,470	9,762	12,150	13,331	14,581	14,948	14,988	15,004
Gwinnett		3,157	9,612	13,888	19,200	22,330	24,366	25,088	25,278	25,516
Hall		982	4,120	6,789	10,098	12,323	13,616	14,080	14,366	14,625
Hancock	119	6,872	11,810	13,967	15,535	16,929	18,136	18,407	18,414	18,540
Haralson		1,469	4,465	6,882	8,299	9,657	10,235	10,483	10,551	10,652
Harris	81	6,031	11,662	14,406	16,881	18,721	19,574	19,704	19,714	19,752
Hart	(1)	3,021	7,743	10,820	14,160	15,716	16,529	16,874	16,994	17,087
Heard	6	2,807	5,453	6,907	8,757	9,970	10,475	10,658	10,767	10,921
Henry	4	6,531	13,031	16,237	19,395	21,519	22,546	22,867	22,907	23,083
Houston	967	7,944	12,000	13,416	14,279	14,785	15,455	15,834	15,964	15,977
Irwin	2,762	9,263	12,610	14,825	15,716	16,404	16,436	16,611	16,638	16,780
Jackson	(1)	4,736	11,766	17,145	24,001	27,611	29,438	30,615	30,955	31,359
Jasper	96	7,606	12,899	15,811	18,202	19,498	20,487	20,802	20,882	20,944
Jeff Davis	135	991	2,155	2,573	2,860	2,996	3,129	3,191	3,206	3,223
Jefferson	1,612	11,442	17,094	19,252	20,637	21,777	22,942	23,404	23,543	23,666
Jenkins	1,042	7,062	10,474	11,555	12,340	13,345	13,708	13,970	14,000	14,052
Johnson	1,245	8,203	12,158	13,832	14,462	15,020	15,423	15,595	15,629	15,665
Jones	264	4,595	7,150	8,511	9,441	10,146	10,624	11,010	11,035	11,035
Laurens	3,810	19,916	29,580	33,574	36,647	38,073	39,489	40,570	40,760	40,990
Lee	1,537	5,514	8,062	8,860	9,214	9,486	9,848	10,014	10,059	10,084
Lincoln		1,351	3,651	4,978	6,158	7,179	7,945	8,193	8,223	8,369
Lowndes	595	4,268	7,157	8,653	10,431	11,252	11,923	12,547	12,771	12,783
McDuffie	33	2,726	5,591	6,979	7,927	8,813	9,504	9,730	9,756	9,795
Macon	700	5,552	8,632	9,787	10,338	10,891	11,285	11,568	11,614	11,728
Madison	(1)	4,079	9,969	13,854	18,160	20,413	21,874	22,394	22,535	22,710
Marion	449	3,109	4,535	4,984	5,275	5,894	5,933	6,081	6,094	6,121
Meriwether	77	9,951	17,313	21,039	23,897	25,669	26,103	26,209	26,222	26,404
Miller	1,123	3,507	4,655	5,140	5,379	5,485	5,572	5,623	5,637	5,638

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 58.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1915—Continued.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
GEORGIA—Continued.										
Milton		885	2,692	3,925	5,448	6,377	6,846	7,008	7,059	7,191
Mitchell	8,817	18,325	21,820	23,270	24,169	24,711	25,452	26,093	26,276	26,403
Monroe	434	7,380	11,907	14,125	15,808	16,948	17,701	17,891	17,910	17,976
Montgomery	1,339	6,470	9,545	11,039	12,039	12,737	13,188	13,549	13,554	13,575
Morgan	51	5,706	11,990	16,087	19,691	21,463	22,521	23,075	23,225	23,365
Murray		180	1,304	1,941	2,431	2,828	2,974	3,055	3,069	3,089
Muscogee	200	2,318	3,967	4,879	5,522	5,964	6,207	6,368	6,404	6,451
Newton	(1)	5,720	10,646	13,869	16,944	18,435	19,705	19,997	20,069	20,193
Oconee	(1)	4,056	8,694	11,236	14,108	15,543	16,458	16,888	17,000	17,082
Oglethorpe	(1)	4,388	10,666	14,063	17,862	20,355	21,975	22,537	22,711	24,014
Paulding		1,840	5,218	7,281	9,189	10,698	11,352	11,558	11,737	11,920
Pickens		17	350	897	1,496	2,119	2,342	2,464	2,475	2,500
Pierce	14	482	1,661	2,672	3,490	3,918	4,190	4,541	4,695	4,842
Pike	478	9,249	14,772	16,921	18,831	19,904	20,413	20,499	20,512	20,545
Polk	(1)	2,238	6,756	9,715	12,959	14,234	15,392	15,697	16,032	16,187
Pulaski	1,212	6,202	9,012	10,216	10,928	11,310	11,556	11,718	11,775	11,784
Putnam	15	3,061	6,563	8,432	9,791	10,721	11,418	12,031	12,065	12,078
Quitman	261	1,700	2,377	2,621	2,805	2,919	3,095	3,222	3,265	3,285
Randolph	2,388	8,892	12,085	13,674	14,451	15,238	16,180	16,833	16,936	16,990
Richmond	400	3,722	5,801	6,684	7,453	7,839	8,270	8,656	8,827	8,994
Rockdale	(1)	1,658	3,983	5,437	7,015	7,730	8,564	8,874	8,911	9,009
Schley	368	2,670	4,113	4,783	5,114	5,387	5,687	5,851	5,855	5,873
Screven	1,768	10,230	15,627	18,607	20,463	21,672	22,785	23,310	23,547	23,815
Spalding	48	5,118	9,226	11,356	13,084	14,473	15,002	15,403	15,446	15,732
Stephens		607	2,249	3,642	4,981	5,798	6,272	6,460	6,504	6,607
Stewart	863	5,796	8,507	9,636	10,372	10,775	11,430	11,696	11,714	11,770
Sumter	3,797	15,440	21,966	24,627	25,453	26,046	27,020	27,860	28,125	28,335
Talbot	98	3,050	6,107	7,458	8,498	9,248	9,553	9,588	9,595	9,619
Taliaferro	4	1,572	3,735	5,028	6,199	7,057	7,761	7,957	8,021	8,047
Tattnall	386	2,359	4,803	6,184	7,123	7,644	7,998	8,184	8,299	9,014
Taylor	198	3,009	4,946	6,520	7,067	7,481	7,562	7,735	7,748	8,043
Telfair	1,897	7,347	11,446	13,378	14,607	15,085	15,587	15,836	15,897	15,948
Terrell	5,074	16,390	20,821	22,292	22,830	23,423	24,293	24,730	24,831	24,918
Thomas	4,669	10,837	13,722	14,879	15,533	15,917	16,285	16,594	16,619	16,627
Tift	3,884	10,475	13,530	15,057	15,698	15,990	16,365	16,570	16,628	16,642
Toombs	651	4,093	6,505	7,700	8,414	8,902	9,326	9,523	9,684	9,700
Troup	136	7,487	12,626	15,344	17,296	18,786	19,482	19,692	19,724	19,736
Turner	4,789	12,602	15,688	17,082	17,511	17,756	18,207	18,568	18,669	18,735
Twiggs	290	3,477	5,666	6,898	7,658	8,053	8,471	8,730	8,778	8,905
Upson	258	5,104	8,052	9,314	10,367	11,115	11,343	11,433	11,434	11,526
Walker		238	1,843	3,627	5,022	6,073	6,719	6,977	7,048	7,150
Walton	6	6,586	14,624	19,863	24,832	27,324	29,137	29,863	30,129	30,510
Ware		176	562	793	979	1,117	1,176	1,247	1,260	1,263
Warren	29	2,573	5,445	6,882	8,254	9,526	10,622	10,897	10,940	11,111
Washington	789	10,356	17,514	20,260	21,786	22,824	24,297	24,814	24,914	24,992
Wayne	110	924	2,098	2,765	3,341	3,711	3,968	4,198	4,289	4,331
Webster	235	1,947	3,024	3,405	3,528	3,684	3,930	4,008	4,008	4,015
Wheeler	780	3,169	4,999	5,593	6,042	6,322	6,514	6,611	6,622	6,644
Whitfield		188	1,645	3,109	4,315	5,342	5,875	6,035	6,118	6,258
Wilcox	5,904	15,241	18,481	19,769	20,449	20,744	20,977	21,411	21,659	21,835
Wilkes	(1)	4,945	11,504	15,522	19,464	22,353	24,319	25,218	25,369	25,439
Wilkinson	175	2,918	4,803	5,716	6,370	6,820	7,262	7,437	7,569	7,593
Worth	6,840	16,659	20,868	22,574	23,399	23,960	24,664	25,190	25,217	25,230
All other	58	152	902	3,155	3,469	4,432	8,164	8,330	8,537	9,701
LOUISIANA.										
The state	5,858	114,361	223,063	271,398	299,866	319,756	329,078	332,428	333,814	336,813
Acadia	21	1,235	2,611	3,411	3,869	4,252	4,380	4,403	4,460	4,472
Avoyelles	1,781	11,380	16,575	17,973	18,239	18,351	18,366	18,411	18,416	18,476
Bienville	238	5,779	10,940	12,688	13,560	13,972	14,136	14,178	14,196	14,283
Bossier	(1)	5,343	12,439	14,738	16,729	18,445	19,293	19,490	19,580	19,749
Caddo	(1)	5,818	14,979	18,699	21,746	25,008	27,344	28,147	28,451	28,704
Caldwell		343	1,603	2,076	2,324	2,460	2,666	2,685	2,685	2,690
Catahoula	(1)	1,678	3,255	4,088	4,529	4,984	5,035	5,044	5,079	5,085
Claiborne	142	6,086	12,808	15,282	16,943	17,832	18,150	18,274	18,276	18,324
Concordia	(1)	785	1,937	2,373	3,347	3,580	3,859	3,892	3,892	4,470
De Soto	170	7,885	14,582	17,502	18,608	19,457	19,696	19,780	19,782	19,881
East Baton Rouge	(1)	826	1,373	1,657	1,778	1,828	1,836	1,843	1,844	1,844
East Carroll	(1)	1,192	3,017	4,089	4,728	5,281	5,459	5,492	5,594	5,594
East Feliciana	38	1,088	1,913	2,400	2,785	2,809	2,810	2,835	2,836	2,836
Evangeline	88	3,292	5,943	7,042	7,269	7,283	7,283	7,283	7,283	7,283
Franklin	480	7,458	11,518	13,647	14,975	15,533	15,534	15,589	15,589	15,716
Grant	12	727	1,421	1,812	1,909	1,985	2,014	2,022	2,027	2,027
Jackson	88	1,790	3,225	3,951	4,230	4,313	4,400	4,421	4,457	4,614
Lafayette	113	2,867	5,537	6,897	7,826	8,275	8,441	8,472	8,476	8,476
La Salle		56	184	209	247	281	294	306	308	308
Lincoln	81	3,480	6,956	7,926	8,436	8,738	8,871	8,918	8,925	8,942

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 58.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1915—Continued.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
LOUISIANA—Continued.										
Madison		677	1,587	1,791	2,313	3,337	3,562	3,633	3,643	3,892
Morehouse	24	3,841	8,365	10,829	12,571	14,232	14,715	15,158	15,379	15,455
Natchitoches	698	8,487	14,272	17,027	18,099	18,667	18,839	18,880	18,904	18,957
Ouachita	154	2,133	4,600	5,871	6,863	7,525	7,882	7,992	8,037	8,073
Pointe Coupee	(1)	205	1,006	1,401	1,843	2,024	2,229	2,255	2,290	2,291
Rapides	451	4,144	6,562	7,449	7,737	7,866	7,962	7,999	8,017	8,041
Red River	78	3,623	7,184	8,282	9,440	9,952	10,269	10,274	10,274	10,276
Richland	332	6,465	10,989	13,629	14,944	15,777	15,899	15,949	15,964	15,978
Sabine	20	1,681	4,243	5,369	5,836	6,199	6,354	6,426	6,451	6,487
St. Landry	226	5,914	10,651	11,746	12,837	13,144	13,186	13,428	13,430	13,510
Tensas	81	863	2,329	3,527	4,631	5,983	6,567	6,826	6,977	7,000
Union	59	1,605	4,087	5,550	6,353	6,792	7,050	7,175	7,234	7,297
Webster	18	2,298	6,200	8,125	8,888	9,533	9,755	9,890	9,913	10,091
West Carroll	29	2,067	3,980	4,635	5,091	5,261	5,339	5,400	5,411	5,415
Winn	(1)	226	1,627	1,864	1,993	2,059	2,071	2,100	2,130	2,184
All other	436	1,224	2,765	5,843	6,350	6,738	7,532	7,558	7,604	8,092
MISSISSIPPI.										
The state	4,619	179,748	421,663	584,893	708,387	801,133	862,201	888,813	897,122	925,509
Alcorn	(1)	770	3,844	6,179	7,997	9,194	9,668	9,844	9,916	10,091
Amite	(1)	380	1,831	2,345	2,644	2,824	2,893	2,921	2,927	2,947
Attala	20	1,264	3,467	5,143	5,795	6,369	6,601	6,712	6,783	6,860
Benton		223	2,028	3,544	4,931	5,881	6,784	7,050	7,105	7,274
Bolivar	266	15,122	34,136	57,329	68,855	76,545	84,610	88,455	89,215	92,563
Calhoun	(1)	1,419	3,851	5,465	6,506	7,326	7,718	7,783	7,817	7,901
Carroll	5	2,460	5,281	6,618	7,801	8,999	9,254	9,326	9,348	9,363
Chickasaw	6	2,533	5,555	7,381	8,759	9,455	9,681	9,742	9,752	9,782
Choctaw	12	728	1,614	2,165	2,438	2,605	2,698	2,737	2,745	2,776
Claiborne	50	1,423	2,701	3,168	3,471	3,700	3,784	3,805	3,805	3,807
Clay	4	1,516	2,924	3,966	4,528	4,870	4,955	4,972	4,973	4,979
Coahoma	33	4,994	19,449	29,373	41,029	48,926	55,374	58,912	60,546	68,350
Copiah	114	922	1,823	2,178	2,372	2,438	2,469	2,476	2,476	2,482
Covington	93	782	1,401	1,670	1,793	1,872	1,929	1,963	1,978	2,052
De Soto		2,002	8,613	13,345	17,927	20,766	23,125	24,256	24,606	26,465
Grenada	7	1,495	4,625	6,017	7,457	8,451	8,659	8,699	8,739	8,774
Hinds	250	7,334	11,464	13,784	15,240	15,927	16,161	16,189	16,228	16,252
Holmes	167	7,525	13,419	16,288	19,012	21,101	22,361	23,015	23,055	23,229
Issaquena	(1)	543	1,860	2,835	3,485	4,066	4,910	5,359	5,371	5,535
Itawamba		1,315	4,076	5,807	7,315	8,373	8,866	8,950	8,988	9,195
Jasper	65	966	2,220	2,842	3,090	3,228	3,288	3,302	3,304	3,314
Jefferson	(1)	797	1,852	2,274	2,472	2,838	2,927	2,973	3,016	3,116
Jefferson Davis	81	1,282	2,263	2,650	2,959	3,037	3,118	3,145	3,145	3,169
Jones	251	1,421	2,586	3,005	3,122	3,242	3,395	3,429	3,478	3,544
Kemper	4	1,212	2,544	4,201	5,165	5,828	6,044	6,107	6,148	6,198
Lafayette		821	4,074	6,313	8,341	10,033	11,123	11,266	11,351	11,520
Lauderdale	13	540	1,248	2,233	2,587	2,948	3,128	3,416	3,448	3,697
Lawrence	320	2,174	3,582	4,278	4,540	4,651	4,720	4,738	4,743	4,753
Leake	19	1,268	2,977	3,941	4,311	4,638	4,794	4,840	4,877	4,912
Lee	7	4,876	11,219	15,033	17,849	19,373	20,185	20,403	20,497	20,553
Leflore	78	10,671	20,074	25,220	30,067	34,965	37,666	37,891	37,991	38,183
Lincoln	465	2,821	4,643	5,452	5,784	5,953	6,075	6,105	6,120	6,132
Lowndes	22	1,677	3,993	5,933	7,317	8,332	8,519	8,709	8,739	8,826
Madison	116	5,355	9,014	11,618	12,672	13,114	13,189	13,189	13,232	13,233
Marshall		710	6,255	10,494	14,072	16,727	19,247	19,989	20,283	20,459
Monroe	8	4,092	8,447	11,226	13,120	14,370	14,840	14,951	14,983	15,106
Montgomery	16	1,362	3,202	4,564	5,562	6,290	6,657	6,740	6,764	6,971
Neshoba	18	1,138	2,660	3,565	3,959	4,309	4,495	4,620	4,675	4,706
Newton	32	835	2,040	2,884	3,131	3,378	3,502	3,561	3,579	3,602
Noxubee	24	1,745	3,585	5,576	6,799	8,098	8,319	8,407	8,417	8,492
Oktibbeha	(1)	383	1,300	2,177	2,761	3,049	3,201	3,232	3,240	3,258
Panola		3,181	11,627	16,368	21,390	25,413	27,795	28,208	28,304	28,548
Pike	488	2,161	3,292	3,859	4,188	4,427	4,500	4,537	4,543	4,562
Pontotoc		2,693	7,037	9,712	11,692	13,061	13,549	13,719	13,750	13,791
Prentiss	(1)	2,186	6,259	8,893	10,891	12,173	12,822	12,959	12,986	13,103
Quitman		1,356	5,901	9,381	12,784	15,245	16,986	18,366	18,631	19,715
Rankin	11	666	1,557	2,109	2,374	2,493	2,532	2,532	2,537	2,589
Sharkey	(1)	3,063	7,897	9,856	11,633	13,727	15,712	17,300	17,957	18,203
Simpson	198	1,441	2,346	2,767	2,907	3,020	3,061	3,071	3,071	3,076
Smith	99	1,103	1,966	2,276	2,426	2,523	2,559	2,579	2,585	2,592
Sunflower	198	16,319	31,744	39,757	46,521	52,361	55,258	56,604	57,530	58,877
Tallahatchie	(1)	5,900	13,380	20,784	25,288	31,057	33,641	34,559	34,888	36,038
Tate		1,844	7,600	10,908	13,967	15,837	17,981	18,661	18,708	19,116
Tippah		797	4,306	6,951	8,993	10,546	11,568	11,908	11,980	12,245
Tishomingo	(1)	1,060	3,268	4,920	6,028	6,657	6,963	7,077	7,111	7,216
Tunica		2,280	9,497	14,324	20,169	24,221	27,076	29,333	29,752	34,883
Union	(1)	1,993	6,270	9,010	11,134	12,451	13,464	13,753	13,783	13,897
Walthall	442	1,778	2,530	2,930	3,160	3,254	3,323	3,402	3,418	3,433

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 58.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1915—Continued.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
MISSISSIPPI—Continued.										
Warren	95	1,805	3,925	4,758	5,594	6,284	6,799	7,307	7,461	7,640
Washington	206	14,436	28,026	34,765	40,952	46,080	49,399	51,253	51,831	52,047
Wayne	(1)	369	1,142	1,534	1,705	1,817	1,853	1,913	1,918	1,934
Webster	(1)	1,446	3,300	4,231	5,238	5,722	5,891	5,958	5,975	6,072
Winston	(1)	609	1,539	2,343	2,706	2,998	3,256	3,341	3,387	3,480
Yalobusha	(1)	1,303	5,046	6,944	8,638	10,142	10,924	11,044	11,192	11,306
Yazoo	51	7,186	14,052	17,131	20,198	22,283	23,512	24,145	24,412	24,709
All other	265	1,877	4,416	8,303	8,776	9,342	10,825	10,955	11,029	11,455
MISSOURI.										
The state		1,293	11,829	22,175	32,345	37,514	41,474	43,465	44,022	46,644
Butler			203	385	595	688	758	833	833	889
Dunklin		574	6,208	11,397	16,624	19,397	21,210	22,141	22,288	23,322
New Madrid		83	1,257	2,676	3,796	4,547	5,186	5,477	5,524	5,877
Pemiscot		579	3,608	6,434	9,449	10,674	11,798	12,330	12,021	13,536
Stoddard		(1)	541	1,173	1,648	1,895	1,957	2,104	2,160	2,218
All other		57	12	110	233	313	565	580	596	802
NORTH CAROLINA.										
The state	354	82,931	264,935	408,198	523,982	612,703	666,926	695,978	709,485	737,354
Alexander		(1)	126	331	676	1,021	1,209	1,263	1,304	1,390
Anson	66	6,258	12,966	16,394	18,780	20,686	21,946	22,675	22,873	23,617
Beaufort		676	2,781	5,110	6,334	7,257	7,878	8,051	8,175	8,996
Bertie		291	2,485	4,337	6,352	7,767	8,796	9,870	9,730	10,223
Bladen	(1)	1,269	4,309	5,731	6,539	7,188	7,588	7,803	7,919	8,041
Cabarrus		1,036	3,972	6,226	8,527	10,131	11,086	11,538	11,751	12,375
Camden		(1)	849	1,664	2,017	2,331	2,539	2,575	2,599	2,635
Catawba		45	928	2,051	3,651	4,907	5,757	5,984	6,114	6,336
Chatham		216	1,755	3,071	4,228	5,311	5,811	6,243	6,414	6,729
Chowan		358	1,986	2,474	2,990	3,265	3,438	3,525	3,547	3,583
Cleveland		1,329	7,067	11,744	15,383	18,111	19,892	20,631	20,975	21,471
Columbus		1,180	4,229	5,459	6,333	7,104	7,554	7,686	7,741	7,788
Craven		273	1,613	3,297	4,126	4,777	5,389	5,602	5,710	5,958
Cumberland	(1)	3,135	8,244	11,137	13,803	14,683	15,380	15,757	15,923	16,192
Davidson			83	251	595	1,045	1,403	1,552	1,631	1,823
Davie			116	274	540	982	1,210	1,353	1,441	1,652
Duplin		811	4,043	5,961	7,306	8,665	9,307	9,604	9,747	9,970
Durham		15	170	259	318	393	492	540	593	677
Edgecombe		2,032	7,500	12,188	16,740	20,904	23,155	24,080	25,513	27,174
Franklin		536	3,509	6,896	8,894	10,390	11,159	11,599	11,751	12,418
Gaston		196	1,904	3,740	5,719	7,127	8,168	8,971	9,209	9,652
Gates		169	1,246	2,045	2,411	2,743	3,134	3,225	3,270	3,304
Greene		480	2,824	5,245	7,159	8,951	10,118	10,689	11,008	11,445
Halifax		1,022	5,598	11,678	17,785	21,532	23,825	24,884	25,384	26,545
Harnett	(1)	3,095	7,830	11,080	13,296	14,874	15,332	16,108	16,600	16,885
Hertford		77	729	1,296	1,859	2,354	2,916	3,125	3,281	3,522
Hoke	10	3,715	7,102	9,037	10,106	10,385	10,612	11,003	11,115	11,276
Iredell		116	1,444	3,158	5,581	7,284	8,547	9,086	9,401	10,153
Johnston		4,046	13,818	21,247	26,725	31,400	33,669	35,415	36,022	37,174
Jones		698	2,564	3,691	4,322	4,926	5,407	5,687	5,790	6,004
Lee		710	2,089	3,250	3,870	4,663	5,178	5,451	5,552	5,720
Lenoir		1,124	4,043	6,930	8,472	10,000	10,572	11,059	11,383	11,746
Lincoln		53	1,636	2,515	3,810	4,696	5,282	5,470	5,544	6,219
Martin		660	2,419	3,919	5,848	7,279	7,982	8,475	8,603	8,997
Mecklenburg		1,094	6,449	11,846	17,593	20,970	23,262	24,464	24,962	26,674
Montgomery	(1)	477	1,494	2,202	2,761	3,413	3,915	4,169	4,254	4,465
Moore		164	911	1,503	2,026	2,456	2,663	2,776	2,831	2,926
Nash		686	5,650	10,885	15,428	19,707	22,279	23,315	24,097	25,024
Northampton		551	3,244	6,322	8,690	11,097	12,451	13,115	13,519	14,209
Onslow		609	1,990	3,210	3,975	4,611	4,881	4,966	5,150	5,302
Orange			109	280	480	700	830	976	1,030	1,129
Pamlico		404	2,067	3,683	4,442	5,052	5,199	5,250	5,257	5,479
Pasquotank		(1)	1,148	2,196	2,824	3,330	3,528	3,639	3,676	3,783
Perquimans		470	2,457	3,682	4,738	5,219	5,638	5,725	5,734	5,922
Pitt		1,544	6,462	11,429	16,086	19,718	21,973	23,230	23,843	24,396
Polk		(1)	367	703	996	1,150	1,187	1,215	1,234	1,243
Richmond	56	4,082	7,954	9,970	11,512	12,617	13,255	13,604	13,706	13,976
Robeson	27	12,160	26,203	34,036	39,353	42,776	45,379	46,348	46,758	47,210
Rowan		112	1,020	2,174	3,846	5,063	6,075	6,507	6,759	7,344
Rutherford		739	3,533	5,174	6,756	7,916	8,433	8,679	8,808	8,958
Sampson	(1)	3,190	9,137	13,083	15,531	18,312	19,450	20,529	20,927	21,695
Scotland	161	9,760	16,839	21,123	23,749	24,504	25,349	25,774	25,948	26,480
Stanly		687	2,757	4,046	4,978	6,318	7,249	7,812	8,010	8,293
Union	(1)	3,405	10,931	16,155	20,186	23,107	25,069	26,102	26,553	27,345
Vance		101	915	1,874	2,451	2,770	2,875	2,940	2,945	2,997
Wake		2,229	8,671	12,892	16,553	19,219	20,346	21,130	21,508	22,717
Warren		201	2,678	5,349	7,285	8,199	8,598	8,788	8,856	9,020
Washington			64	777	1,566	1,861	2,176	2,566	2,682	2,708	2,775
Wayne		64	777	1,566	1,861	2,176	2,566	2,682	2,708	2,775
Wilson	(1)	2,369	9,450	15,201	19,585	22,917	25,412	26,771	27,228	28,720
All other	34	2,062	6,673	10,665	15,442	18,532	20,483	21,552	22,028	22,373
		150	1,372	3,753	4,253	5,712	6,870	7,241	7,593	8,609

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 58.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1915—Continued.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
OKLAHOMA.										
The state	8	2,136	66,255	171,584	329,845	445,316	513,251	561,950	573,324	622,176
Adair			(1)	87	137	196	231	257	257	395
Atoka		28	843	1,851	3,218	4,211	4,984	5,198	5,335	5,504
Beckham		3	152	976	3,511	5,532	6,458	7,404	7,645	9,835
Bryan		368	5,174	9,063	13,892	16,801	18,312	19,315	19,462	19,959
Caddo			254	1,581	4,406	6,899	8,291	9,617	9,865	12,253
Carter	(1)	27	1,898	4,517	7,664	11,190	12,492	13,727	13,915	14,322
Cherokee			67	558	1,319	1,836	2,556	2,843	2,887	2,997
Choctaw	(1)	156	2,056	4,046	5,764	6,835	7,643	7,865	7,898	7,937
Cleveland		3	242	1,111	2,756	4,054	4,903	5,614	5,696	6,154
Coal		(1)	851	3,655	4,255	5,571	6,379	6,913	7,016	7,260
Comanche		102	3,051	6,762	11,541	14,733	15,939	16,851	16,963	17,887
Cotton		19	1,344	3,236	6,437	8,554	9,468	10,242	10,517	11,287
Creek			855	3,037	5,667	7,860	9,505	10,728	11,043	12,496
Custer			(1)	(1)	307	441	525	613	625	674
Garvin		13	2,178	6,258	12,962	17,684	20,652	22,396	22,694	23,637
Grady			109	814	2,410	3,919	4,723	5,402	5,447	6,229
Greer		17	1,567	5,637	12,428	17,805	19,135	20,985	21,431	26,143
Harmon		(1)	607	2,681	6,559	9,150	10,233	11,390	12,071	15,793
Haskell		33	1,076	2,683	4,579	5,733	6,826	7,263	7,394	7,610
Hughes		64	2,437	5,583	10,365	15,299	18,179	20,525	21,912	22,002
Jackson	(1)	83	2,574	7,861	18,082	24,739	27,045	28,742	29,465	34,153
Jefferson		53	2,373	5,148	9,359	13,358	14,853	16,240	16,609	17,294
Johnston		104	1,825	3,812	7,390	9,492	10,734	11,486	11,547	12,217
Kingfisher				(1)	347	504	756	936	975	1,115
Kiowa		45	2,886	7,733	16,595	23,252	26,193	28,384	28,911	32,750
Latimer		(1)	171	387	721	923	1,145	1,209	1,219	1,221
Le Flore		111	2,641	5,961	9,537	11,688	13,852	14,723	14,964	15,283
Lincoln		5	1,570	5,663	10,186	13,345	15,892	17,552	17,962	19,593
Logan			164	1,129	3,061	4,870	5,376	6,046	6,217	7,131
Love		65	1,746	3,720	6,773	8,718	9,606	10,422	10,537	10,909
McClain		6	300	1,113	3,423	5,038	6,118	6,944	7,093	7,510
McCurtain		281	2,440	4,214	5,324	6,040	6,666	6,782	6,789	6,854
McIntosh		70	2,235	5,206	9,321	12,014	14,287	15,608	15,834	16,811
Marshall		164	2,375	4,202	7,519	9,446	10,317	11,043	11,098	11,491
Mayes				119	321	541	663	866	896	1,075
Murray		18	755	1,991	3,950	5,191	5,849	6,404	6,443	6,646
Muskogee		(1)	619	2,188	4,550	6,423	7,971	8,829	9,055	9,385
Okfuskee		(1)	1,400	4,485	8,324	10,745	13,018	14,486	14,776	15,644
Oklahoma			307	1,284	2,689	3,648	4,486	5,248	5,484	6,047
Okmulgee			348	1,160	2,403	3,208	3,994	4,566	4,657	4,861
Osage				(1)	(1)	(1)	613	741	794	859
Pawnee			(1)	(1)	240	710	984	1,166	1,182	1,423
Payne			40	730	2,113	3,292	3,979	4,592	4,665	5,166
Pittsburg		19	1,496	4,096	7,900	10,446	12,450	13,823	14,049	14,312
Pontotoc		22	2,184	5,424	10,805	14,608	16,646	18,506	18,752	19,177
Pottawatomie		29	1,720	5,352	10,255	13,503	16,263	17,976	18,167	19,112
Pushmataha		24	809	1,550	2,461	3,172	3,718	3,894	3,910	3,951
Roger Mills			(1)	88	430	724	902	1,053	1,076	1,176
Seminole		20	1,713	4,357	8,063	10,965	12,969	13,896	14,085	14,615
Sequoyah		64	2,038	4,590	8,074	10,207	12,367	13,547	13,780	14,397
Stephens		31	2,164	5,412	10,800	14,516	16,483	18,412	18,776	20,004
Tillman		63	2,025	5,765	11,810	16,160	17,823	19,091	19,602	23,405
Tulsa			(1)	168	482	726	1,001	1,209	1,209	1,361
Wagoner			276	899	1,967	2,444	2,692	3,265	3,311	3,754
Washita		(1)	271	1,420	4,051	6,366	7,260	8,155	8,381	9,941
All other	8	26	29	181	342	896	846	960	981	1,159
SOUTH CAROLINA.										
The state	4,305	258,947	581,667	771,074	921,528	1,021,843	1,098,283	1,133,596	1,149,187	1,174,213
Abbeville	(2)	4,875	12,834	18,161	23,769	26,597	28,955	29,735	29,840	31,548
Aiken	348	12,022	22,018	27,679	31,475	33,710	35,649	36,533	37,291	37,785
Anderson	4	8,187	22,533	34,053	45,701	51,945	56,433	58,363	59,089	60,348
Bamberg	148	6,972	11,141	12,828	13,790	14,267	15,233	15,735	15,933	16,843
Barnwell	692	13,798	24,266	28,871	31,817	33,688	34,766	35,424	35,917	36,514
Beaufort	(2)	432	1,401	2,123	2,837	3,417	3,732	4,114	4,223	4,345
Berkeley		1,324	4,360	5,918	7,370	8,511	9,230	9,461	9,576	9,625
Calhoun	226	5,639	10,615	13,332	15,378	17,344	18,211	19,065	19,653	21,290
Charleston	(2)	461	2,210	3,661	5,296	7,164	8,533	9,701	10,159	10,323
Cherokee		907	4,814	8,154	10,882	12,592	13,956	14,561	14,739	15,026
Chester	37	6,916	16,407	21,208	24,573	27,343	29,524	29,990	30,093	30,220
Chesterfield	330	7,610	16,051	20,076	22,691	25,301	27,015	27,907	28,641	30,083
Clarendon	70	6,813	14,944	19,034	22,016	24,290	26,013	26,778	27,131	27,286
Colleton	31	3,376	7,678	9,426	10,872	12,503	13,114	13,431	13,519	13,680
Darlington	(2)	8,155	18,354	24,974	27,812	29,618	31,651	32,548	32,986	33,574

[1] Included in "All other counties," to avoid disclosure of individual operations.

[2] Not shown separately, to avoid disclosure of individual operations.

TABLE 58.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1915—Continued.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
SOUTH CAROLINA—Continued.										
Dillon	69	8,662	16,951	21,468	24,990	27,403	29,061	29,634	30,218	30,593
Dorchester	53	3,749	7,038	8,535	9,445	10,288	11,009	11,252	11,337	11,451
Edgefield	196	7,512	15,569	20,014	23,492	25,804	27,869	28,764	29,134	29,497
Fairfield	10	5,623	12,653	15,899	18,040	20,407	22,370	22,943	23,121	23,338
Florence	(1)	6,322	16,738	21,723	25,159	27,391	29,376	30,017	30,139	30,594
Georgetown	----	362	1,215	1,611	1,920	2,143	2,347	2,473	2,490	2,506
Greenville	----	3,758	14,426	23,407	32,586	37,627	40,592	42,268	43,239	44,685
Greenwood	(1)	4,703	13,115	18,197	22,578	25,141	26,674	27,614	28,159	29,005
Hampton	306	4,907	8,176	9,561	10,644	11,336	11,901	12,242	12,493	12,731
Horry	----	726	3,284	4,780	5,755	7,011	7,547	7,843	7,920	7,972
Jasper	(1)	834	1,725	2,240	2,618	2,865	3,103	3,167	3,180	3,212
Kershaw	49	7,309	14,740	18,248	20,199	22,175	23,252	24,157	24,228	24,897
Lancaster	(1)	3,478	9,568	14,223	16,688	18,816	20,388	21,405	21,651	22,379
Laurens	7	5,969	16,887	24,255	31,076	34,664	37,520	38,828	39,317	39,918
Lee	35	8,853	18,549	23,167	26,932	28,869	30,288	31,154	31,699	32,186
Lexington	131	7,258	13,776	16,900	18,817	20,905	22,715	23,495	23,748	24,482
Marion	(1)	3,061	7,563	10,027	11,088	12,474	13,315	13,580	13,647	13,782
Marlboro	231	15,468	27,494	34,808	42,366	45,637	48,076	49,272	49,830	50,723
Newberry	19	7,746	18,779	24,325	28,798	31,715	34,685	35,705	36,057	36,888
Oconee	----	1,570	5,661	9,128	12,722	15,286	16,751	17,613	17,852	18,190
Orangeburg	1,090	21,689	39,523	46,813	51,464	55,473	58,729	60,436	61,527	62,804
Pickens	----	882	4,801	8,257	12,137	14,423	15,501	16,457	17,024	17,885
Richland	75	5,862	11,108	14,402	16,127	17,976	19,311	19,640	19,769	19,939
Saluda	56	5,965	13,363	17,266	20,081	22,588	24,541	25,285	25,611	25,898
Spartanburg	(1)	8,584	27,274	41,262	53,218	59,347	64,988	66,937	67,612	69,302
Sumter	29	8,352	17,553	22,454	25,757	27,905	29,941	30,953	31,283	31,600
Union	----	2,022	7,166	10,732	13,698	15,770	17,425	18,118	18,278	18,501
Williamsburg	(1)	5,670	13,211	15,978	18,405	20,117	21,459	22,008	22,066	22,171
York	(1)	4,564	14,135	21,891	28,449	31,997	35,444	36,910	37,488	38,614
TENNESSEE.										
The state	2	9,143	79,353	146,886	204,597	238,821	265,021	281,879	286,503	296,223
Benton	----	----	363	771	1,088	1,359	1,610	1,654	1,701	1,741
Carroll	----	72	2,483	4,575	6,580	7,706	8,425	8,985	9,011	9,287
Chester	----	309	1,678	3,093	4,112	4,906	5,235	5,335	5,362	5,489
Crockett	----	120	2,531	4,947	7,525	8,619	9,588	10,074	10,140	10,327
Decatur	----	----	425	1,064	1,667	2,009	2,185	2,294	2,308	2,347
Dyer	----	154	5,271	9,970	14,332	17,263	19,321	20,317	20,572	21,172
Fayette	----	530	6,172	11,140	15,269	17,235	19,016	20,166	20,864	21,338
Gibson	----	349	3,638	7,197	10,249	13,294	14,390	17,847	18,447	19,828
Giles	----	184	1,432	2,858	4,123	4,931	5,499	5,716	5,811	5,973
Hardeman	----	415	3,861	7,093	9,963	11,685	13,425	13,996	14,335	14,603
Hardin	----	267	2,475	4,550	5,842	6,632	6,908	7,093	7,194	7,268
Haywood	----	328	4,563	8,586	12,879	14,842	16,726	18,075	18,260	19,052
Henderson	----	141	2,483	5,125	7,570	9,180	10,160	10,602	10,686	11,095
Henry	----	----	312	752	1,113	1,350	1,584	1,647	1,672	1,698
Lake	----	1,352	4,835	7,625	10,269	11,810	12,653	13,179	13,334	13,761
Lauderdale	----	411	5,236	9,726	13,449	15,532	17,431	18,463	18,602	19,167
Lawrence	----	22	445	1,254	1,810	2,100	2,310	2,385	2,394	2,431
Lincoln	----	253	1,188	2,393	3,144	3,618	3,989	4,157	4,173	4,217
McNairy	----	743	4,100	6,613	8,546	9,617	10,166	10,341	10,397	10,627
Madison	----	495	3,228	6,063	9,084	10,768	11,625	12,402	12,902	13,319
Obion	----	52	448	1,318	1,843	2,164	2,316	2,528	2,591	2,778
Rutherford	----	(2)	1,304	2,738	3,855	4,608	5,492	5,771	5,771	5,933
Shelby	----	2,182	13,860	22,772	30,005	33,572	37,188	39,348	39,865	40,982
Tipton	----	642	6,498	11,526	15,377	18,764	20,950	22,391	22,637	23,726
Weakley	----	42	215	1,347	1,880	2,151	2,392	2,471	2,681	2,689
All other	2	80	309	1,790	2,423	3,106	4,437	4,642	4,798	5,344
TEXAS.										
The state	271,328	1,146,953	2,001,416	2,344,486	2,614,057	2,781,283	2,868,663	2,935,697	2,964,135	3,068,852
Anderson	105	6,009	11,590	14,066	15,326	16,060	16,392	16,588	16,634	16,865
Angelina	20	1,242	3,148	3,782	3,989	4,123	4,247	4,280	4,321	4,366
Archer	----	17	778	1,351	2,185	2,771	2,996	3,149	3,192	3,223
Atascosa	2,343	4,987	6,633	7,107	7,504	7,989	8,370	8,539	8,586	8,593
Austin	4,549	12,294	15,673	16,793	17,312	17,581	17,741	17,845	17,877	17,959
Bandera	----	176	375	375	463	492	501	502	503	503
Bastrop	4,489	14,313	20,066	21,379	22,136	22,566	23,002	23,231	23,318	23,570
Baylor	(2)	232	2,171	3,967	7,189	9,359	10,018	11,034	11,605	13,196
Bee	7,336	10,720	11,321	11,710	12,072	12,218	12,243	12,278	12,283	12,283
Bell	2,842	24,293	36,701	39,115	39,576	40,411	40,759	41,293	41,377	41,986
Bexar	9,327	18,086	22,228	22,855	23,254	23,863	24,305	24,627	24,770	24,801
Blanco	345	2,061	3,597	3,949	4,049	4,107	4,126	4,126	4,126	4,127
Bosque	151	5,682	11,398	13,564	15,010	15,588	15,994	16,172	16,227	16,326
Bowie	(2)	2,341	8,019	11,021	12,617	13,492	13,948	14,057	14,072	14,095
Brazoria	56	1,109	1,906	2,173	2,267	2,324	2,362	2,368	2,392	2,408

[1] Not shown separately, to avoid disclosure of individual operations.

[2] Included in "All other counties," to avoid disclosure of individual operations.

COTTON GINNED, BY COUNTIES.

TABLE 58.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1915—Continued.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
TEXAS—Continued.										
Brazos	1,609	9,491	13,786	14,864	15,357	15,583	15,583	15,674	15,675	15,749
Brown	438	3,539	6,837	8,101	8,706	9,027	9,120	9,124	9,148	9,148
Burleson	2,170	10,476	14,649	16,073	16,575	16,753	16,862	16,910	16,934	16,963
Burnet	810	5,084	7,769	8,250	8,416	8,537	8,654	8,719	8,740	8,782
Caldwell	13,523	33,005	41,797	42,981	44,042	45,822	47,168	47,890	48,183	48,406
Callahan	26	1,120	4,110	5,537	6,650	7,152	7,346	7,461	7,501	7,561
Camp	(1)	2,151	5,198	6,406	7,046	7,571	7,743	7,805	7,808	7,826
Cass	9	2,411	8,552	11,493	13,393	14,857	15,683	15,843	15,892	15,947
Cherokee	123	6,530	12,381	14,420	15,597	16,071	16,264	16,353	16,409	16,454
Childress	.....	100	1,586	4,046	8,484	10,651	11,656	12,819	13,555	16,360
Clay	.....	75	1,745	3,395	6,087	7,893	8,684	9,197	9,282	9,531
Coke	33	1,367	5,406	7,816	9,156	9,754	9,921	10,096	10,156	10,186
Coleman	1,016	8,083	19,925	25,350	27,359	28,150	28,379	28,511	28,541	28,639
Collin	174	13,589	32,251	38,583	42,989	45,391	48,258	49,640	49,881	51,436
Collingsworth	.....	3	196	1,290	3,852	5,618	6,484	7,439	7,932	9,557
Colorado	3,819	9,758	12,284	12,876	13,170	13,450	13,583	13,619	13,665	13,695
Comal	3,011	9,545	12,695	13,103	13,275	13,460	13,579	13,664	13,691	13,699
Comanche	11	1,192	3,808	4,769	5,559	5,953	6,114	6,193	6,208	6,234
Concho	241	1,828	6,974	9,500	10,958	11,463	11,701	11,882	11,985	12,013
Cooke	.....	199	3,779	6,774	10,664	13,037	14,251	15,113	15,286	15,845
Coryell	667	10,550	17,975	19,911	20,637	21,048	21,274	21,421	21,484	21,564
Cottle	.....	17	762	2,575	5,978	8,084	8,755	9,757	10,502	13,532
Dallas	476	17,663	32,754	35,653	37,354	38,469	39,365	40,284	40,482	41,379
Delta	21	5,099	13,146	16,247	18,720	19,858	21,116	21,675	21,748	22,524
Denton	9	3,777	12,125	16,687	21,552	24,281	25,962	27,173	27,523	29,038
De Witt	17,126	29,855	36,424	37,843	39,143	40,318	40,845	41,000	41,040	41,074
Dickens	.....	42	1,204	3,423	6,228	7,845	8,431	9,050	9,340	9,854
Donley	.....	.....	47	319	1,045	1,562	1,860	2,263	2,425	2,870
Duval	2,321	3,956	4,190	4,201	4,317	4,540	4,671	4,728	4,728	4,742
Eastland	(1)	373	2,302	3,607	5,139	6,049	6,472	6,748	6,836	6,936
Ellis	2,820	43,062	77,390	85,955	89,745	92,412	95,031	98,736	100,630	111,304
Erath	13	1,044	4,368	6,204	8,128	9,005	9,277	9,349	9,410	9,425
Falls	3,445	25,720	38,097	40,623	41,913	42,761	43,412	44,304	44,571	45,070
Fannin	6	4,551	19,309	28,089	35,629	39,598	42,961	44,455	44,708	47,084
Fayette	7,794	21,306	25,835	27,051	27,687	28,011	28,312	28,534	28,575	28,734
Fisher	12	2,232	14,557	21,849	29,439	33,382	34,648	35,945	36,364	37,445
Foard	.....	86	1,072	2,245	5,153	6,695	7,280	7,940	8,326	9,900
Fort Bend	884	7,383	10,793	11,948	12,312	12,542	12,611	12,660	12,687	12,696
Franklin	(1)	1,171	3,919	4,994	5,657	6,058	6,327	6,413	6,425	6,447
Freestone	402	8,212	13,758	15,630	16,738	17,203	17,470	17,570	17,593	17,634
Frio	2,696	4,716	5,571	5,888	6,258	6,865	7,281	7,386	7,459	7,462
Gillespie	195	3,422	7,824	9,194	9,793	10,023	10,104	10,144	10,159	10,159
Goliad	7,970	13,617	15,101	15,720	16,423	16,797	16,878	16,904	16,909	16,912
Gonzales	9,210	19,370	25,992	27,606	28,651	29,566	29,732	29,792	29,921	29,971
Grayson	(1)	1,878	13,187	19,993	27,558	31,887	34,306	35,603	35,818	37,246
Gregg	65	3,052	5,513	6,560	6,891	7,215	7,350	7,364	7,376	7,391
Grimes	827	8,517	13,062	14,560	15,033	15,420	15,536	15,574	15,583	15,659
Guadalupe	15,145	31,560	39,679	40,837	41,598	42,395	43,757	43,863	43,958	44,442
Hall	.....	99	2,514	6,817	13,851	18,354	20,410	22,590	23,892	27,433
Hamilton	218	4,813	9,489	11,306	12,025	12,255	12,255	12,259	12,276	12,311
Hardeman	.....	148	1,622	3,795	8,169	11,881	13,291	14,726	15,407	19,449
Harris	127	1,657	2,489	2,740	2,902	3,001	3,072	3,137	3,154	3,222
Harrison	47	4,317	10,195	12,522	14,270	15,426	15,764	15,836	15,854	15,863
Haskell	(1)	727	8,464	13,928	20,181	23,801	25,215	26,078	26,402	29,820
Hays	4,421	14,748	20,257	21,007	21,318	21,794	22,038	22,130	22,380	22,499
Henderson	206	5,829	11,097	12,719	13,629	14,159	14,460	14,584	14,612	14,630
Hill	919	29,490	56,003	62,774	64,683	67,692	69,024	70,616	71,820	78,638
Hood	(1)	716	2,831	3,849	4,778	5,139	5,252	5,279	5,281	5,231
Hopkins	18	5,314	16,265	20,693	23,820	25,611	27,039	27,361	27,453	27,544
Houston	174	7,355	15,241	18,171	19,894	20,760	21,188	21,300	21,341	21,399
Howard	4	248	3,190	5,181	6,951	8,149	8,666	9,080	9,251	9,507
Hunt	145	15,688	33,803	40,564	45,739	48,025	50,258	51,837	52,180	53,464
Jack	.....	278	1,460	2,507	3,461	4,003	4,281	4,374	4,404	4,452
Jackson	503	2,385	3,679	4,090	4,198	4,224	4,256	4,256	4,257	4,257
Jim Wells	3,008	4,155	4,362	4,388	4,437	4,570	4,614	4,664	4,669	4,681
Johnson	44	8,362	22,102	26,442	29,374	30,610	31,553	32,315	33,030	33,603
Jones	23	3,854	19,115	27,465	36,425	41,221	42,456	44,133	44,758	47,568
Karnes	16,610	25,138	28,432	29,512	30,811	31,955	32,382	32,575	32,575	32,591
Kaufman	1,194	24,193	42,680	47,812	50,228	52,162	53,112	54,417	54,683	57,254
Kendall	(1)	391	985	1,043	1,318	1,357	1,382	1,409	1,409	1,410
Kent	(1)	276	2,853	4,871	6,762	7,796	8,121	8,435	8,532	8,563
Knox	.....	105	1,970	4,081	7,757	10,001	10,722	12,007	12,841	16,036
Lamar	22	4,634	19,809	26,833	32,131	35,103	38,341	39,461	39,905	42,776
Lampasas	79	1,913	4,180	4,713	4,917	5,005	5,042	5,056	5,064	5,064
La Salle	268	566	690	721	784	862	933	961	970	979
Lavaca	11,429	22,381	26,490	27,797	28,521	28,993	29,306	29,438	29,477	29,524
Lee	1,466	5,842	8,104	8,567	8,713	9,044	9,347	9,494	9,543	9,971
Leon	120	5,527	9,479	11,709	12,948	13,734	14,021	14,167	14,198	14,233
Limestone	1,451	27,235	43,291	47,212	48,941	49,494	50,088	50,893	51,549	54,200
Live Oak	660	1,515	1,749	1,806	1,817	1,825	1,870	1,874	1,874	1,878

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 58.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1915—Continued.

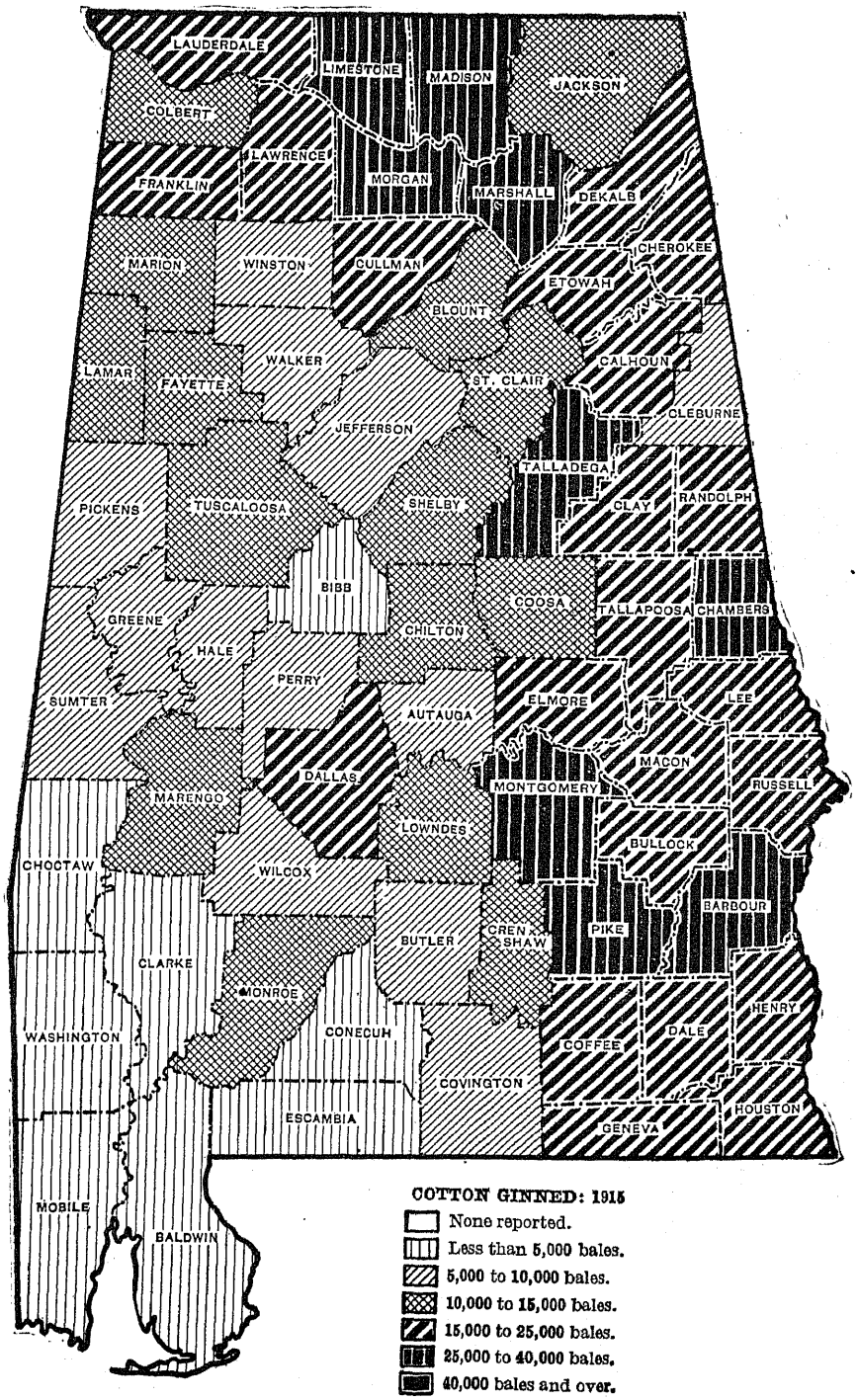
[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
TEXAS—Continued.										
Llano	12	459	1,349	1,561	1,710	1,739	1,749	1,755	1,755	1,759
McCulloch	495	3,675	10,815	14,257	15,924	16,617	16,838	17,048	17,148	17,283
McLennan	1,677	31,174	56,738	63,207	65,889	67,684	68,890	70,443	71,452	74,143
Madison	168	4,656	7,424	8,207	8,562	8,675	8,727	8,769	8,770	8,797
Marion	(1)	884	2,512	3,178	3,604	3,998	4,180	4,200	4,206	4,230
Mason	62	749	2,098	2,552	2,693	2,709	2,726	2,726	2,728	2,728
Matagorda	84	704	1,183	1,361	1,400	1,433	1,435	1,435	1,446	1,446
Medina	1,171	3,053	4,399	4,762	4,906	5,146	5,321	5,439	5,449	5,492
Milam	3,766	22,130	34,020	37,066	38,385	39,174	39,713	40,480	40,761	41,104
Mills	54	1,788	4,640	5,465	5,964	6,200	6,244	6,299	6,299	6,328
Mitchell	(1)	565	6,190	10,269	15,178	18,090	19,154	20,672	21,321	24,574
Montague		511	4,378	9,189	14,821	18,152	19,349	20,423	20,610	20,845
Montgomery	155	1,918	3,496	4,109	4,415	4,536	4,605	4,629	4,643	4,662
Morris	4	1,245	4,220	5,529	6,373	6,968	7,463	7,503	7,506	7,627
Nacogdoches	83	4,653	9,075	10,942	11,794	12,235	12,442	12,530	12,555	12,578
Navarro	4,682	40,827	62,221	67,071	68,955	70,404	71,544	73,854	75,093	81,273
Nolan	(1)	825	6,175	9,667	13,490	15,515	16,179	16,807	16,975	17,296
Nueces	19,476	29,047	30,670	30,797	30,902	31,447	31,812	32,174	32,256	32,332
Palo Pinto	(1)	428	2,097	3,095	4,041	4,487	4,635	4,677	4,695	4,718
Panola	130	6,157	11,416	13,701	15,193	15,948	16,229	16,306	16,321	16,423
Parker	(1)	1,753	6,359	8,652	10,721	11,451	11,634	11,730	11,761	11,863
Polk	36	1,878	4,140	5,056	5,480	5,698	5,819	5,873	5,892	5,914
Rains	8	705	2,250	2,991	3,649	4,009	4,234	4,315	4,361	4,384
Red River	9	3,202	12,001	16,194	19,099	20,813	22,023	22,970	23,018	23,140
Robertson	1,977	14,353	21,683	23,913	25,419	25,936	26,166	26,220	26,236	26,364
Rockwall	215	8,404	13,909	14,892	15,595	15,884	16,191	16,543	16,623	16,930
Runnels	229	3,165	17,509	26,377	33,176	36,107	37,212	38,848	39,341	40,157
Rusk	240	8,704	16,507	19,615	21,708	22,521	23,026	23,277	23,307	23,590
Sabine	(1)	579	1,630	2,132	2,331	2,451	2,501	2,547	2,565	2,573
San Augustine	8	1,571	4,137	5,243	5,666	5,841	5,873	5,893	5,893	5,909
San Jacinto	(1)	960	3,089	4,032	4,731	5,088	5,179	5,212	5,217	5,229
San Patricio	12,733	18,813	19,374	19,444	19,512	19,571	19,601	19,601	19,601	19,601
San Saba	26	1,714	5,404	6,702	7,412	7,627	7,702	7,724	7,731	7,735
Schleicher		85	503	809	988	1,060	1,084	1,096	1,100	1,100
Scurry		158	4,957	8,620	13,087	15,365	16,190	17,161	17,376	18,227
Shelby	144	7,179	12,895	15,153	16,247	16,800	17,078	17,179	17,179	17,333
Smith	254	10,664	20,471	23,893	25,441	26,846	27,422	27,631	27,742	28,057
Somervell		251	1,025	1,351	1,646	1,744	1,777	1,804	1,804	1,809
Stephens		88	708	1,045	1,302	1,436	1,472	1,508	1,524	1,531
Stonewall	(1)	570	4,962	7,894	10,541	12,143	12,789	13,350	13,592	13,865
Tarrant	54	5,348	12,941	15,428	17,044	17,876	18,344	18,836	18,952	19,255
Taylor	234	6,439	19,101	24,781	28,889	30,979	31,745	32,269	32,585	32,933
Throckmorton		175	1,221	1,733	2,237	2,529	2,623	2,699	2,712	2,752
Titus	(1)	1,782	5,917	7,758	8,930	9,680	10,158	10,292	10,349	10,353
Tom Green	27	559	3,144	4,739	5,862	6,624	6,880	7,046	7,098	7,123
Travis	7,186	29,116	40,997	44,037	45,196	46,052	46,974	47,767	48,068	48,700
Trinity	20	1,485	3,395	4,208	4,609	4,825	4,942	5,009	5,015	5,048
Upshur	51	4,763	10,978	12,911	14,390	15,586	16,297	16,564	16,625	16,793
Uvalde	643	1,166	1,450	1,480	1,508	1,567	1,583	1,583	1,583	1,597
Van Zandt	24	6,156	14,414	17,490	19,682	21,450	22,106	22,482	22,599	22,790
Victoria	4,368	9,803	12,194	12,594	12,757	12,857	12,885	12,911	12,921	12,929
Walker	103	2,781	5,310	6,457	7,107	7,578	7,882	7,943	7,975	8,009
Waller	847	2,975	4,493	4,983	5,437	5,540	5,592	5,508	5,508	5,589
Washington	4,538	15,399	20,236	21,292	22,289	22,521	22,620	22,711	22,755	22,814
Wharton	1,198	6,031	8,757	9,834	10,252	10,483	10,629	10,667	10,709	10,730
Wichita		27	776	1,779	3,389	4,572	4,971	5,273	5,377	5,784
Wilbarger		96	1,803	4,929	11,167	16,113	17,664	19,425	20,278	25,504
Williamson	12,001	48,106	66,785	70,212	71,737	72,932	74,151	75,986	76,990	78,898
Wilson	7,965	16,353	21,261	22,618	23,423	24,047	24,379	24,506	24,540	24,661
Wise	9	1,380	6,670	9,945	13,501	15,203	15,903	16,106	16,211	16,290
Wood	18	3,276	10,844	14,363	16,604	17,984	18,515	18,697	18,758	18,962
Young	(1)	158	2,309	4,116	6,222	7,748	8,428	8,887	9,028	9,149
All other	10,308	18,097	25,613	34,815	41,119	49,957	53,759	56,281	57,904	64,144
VIRGINIA.										
The state		260	3,950	8,110	11,167	13,126	14,666	15,079	15,253	16,357
Brunswick		138	769	1,525	2,043	2,330	2,472	2,510	2,555	2,719
Greensville		(1)	531	1,112	1,757	2,132	2,258	2,322	2,347	2,424
Nansemond			428	1,073	1,501	1,800	1,931	2,044	2,048	2,158
Norfolk			(1)	409	612	653	684	690	709	734
Southampton		(1)	1,938	3,283	4,398	5,060	5,530	5,680	5,735	6,022
All other		122	284	708	856	1,151	1,791	1,824	1,859	2,300

[1] Included in "All other counties," to avoid disclosure of individual operations.

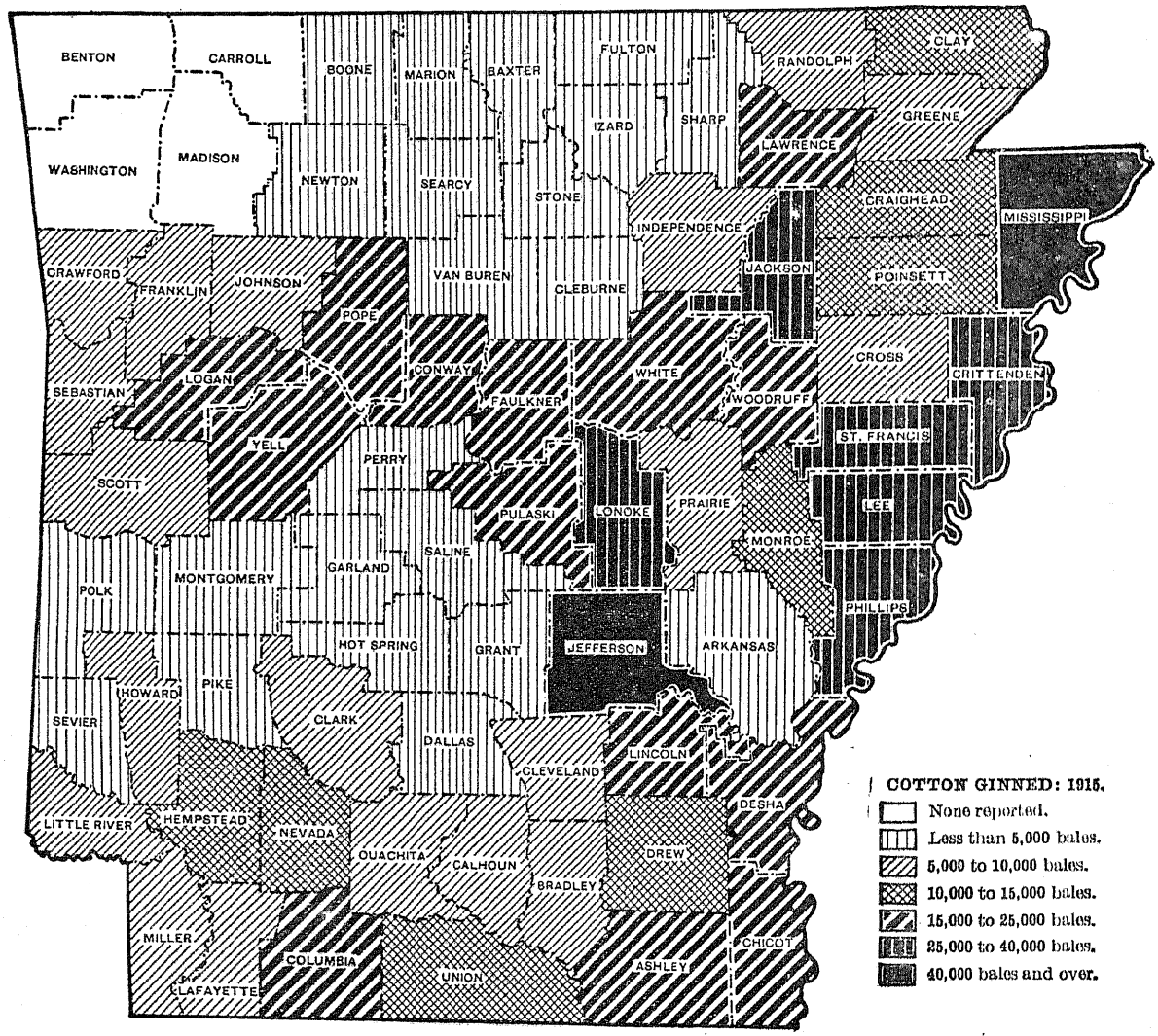
ALABAMA.

[See table on page 69.]



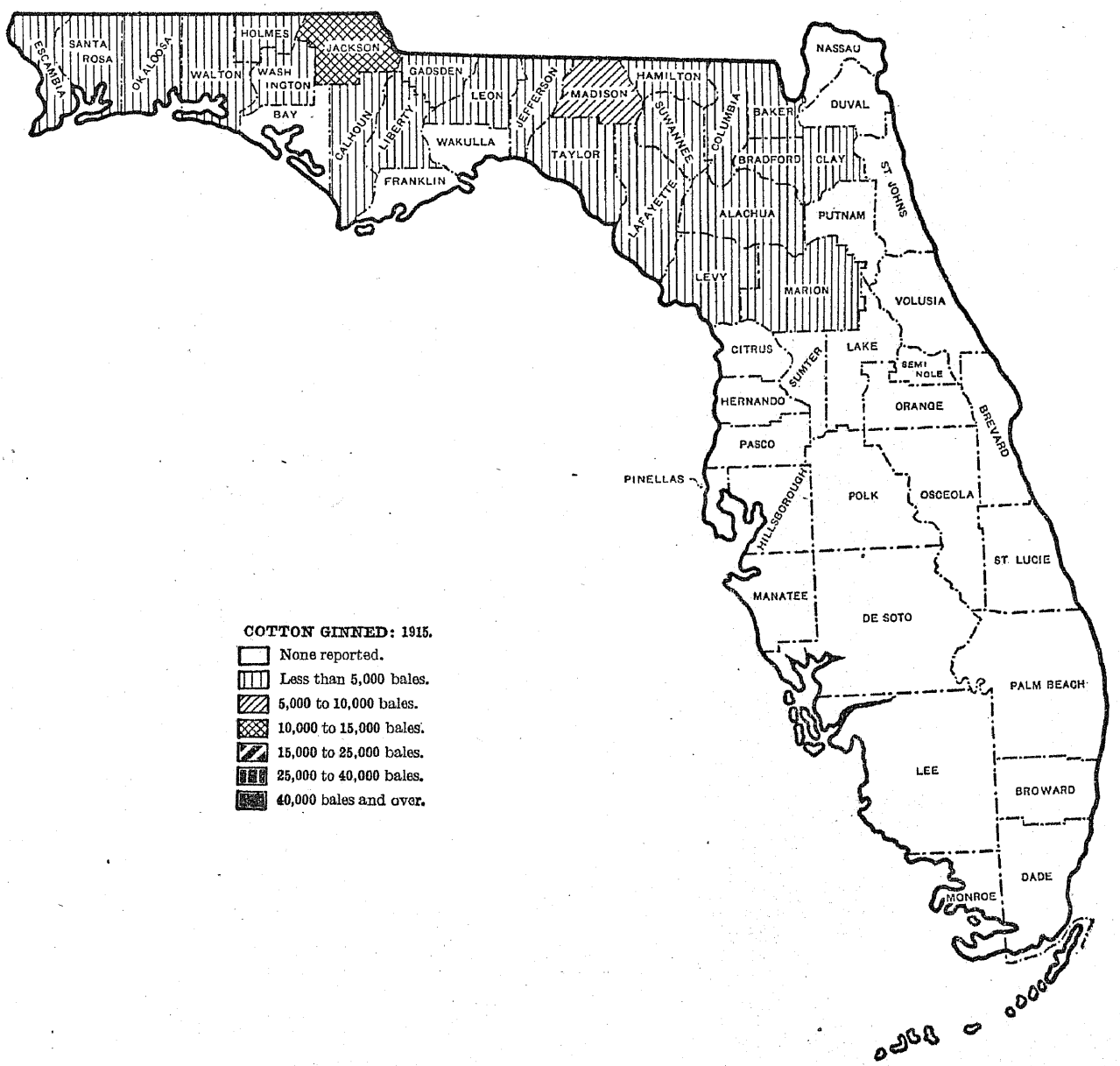
ARKANSAS.

[See table on page 70.]



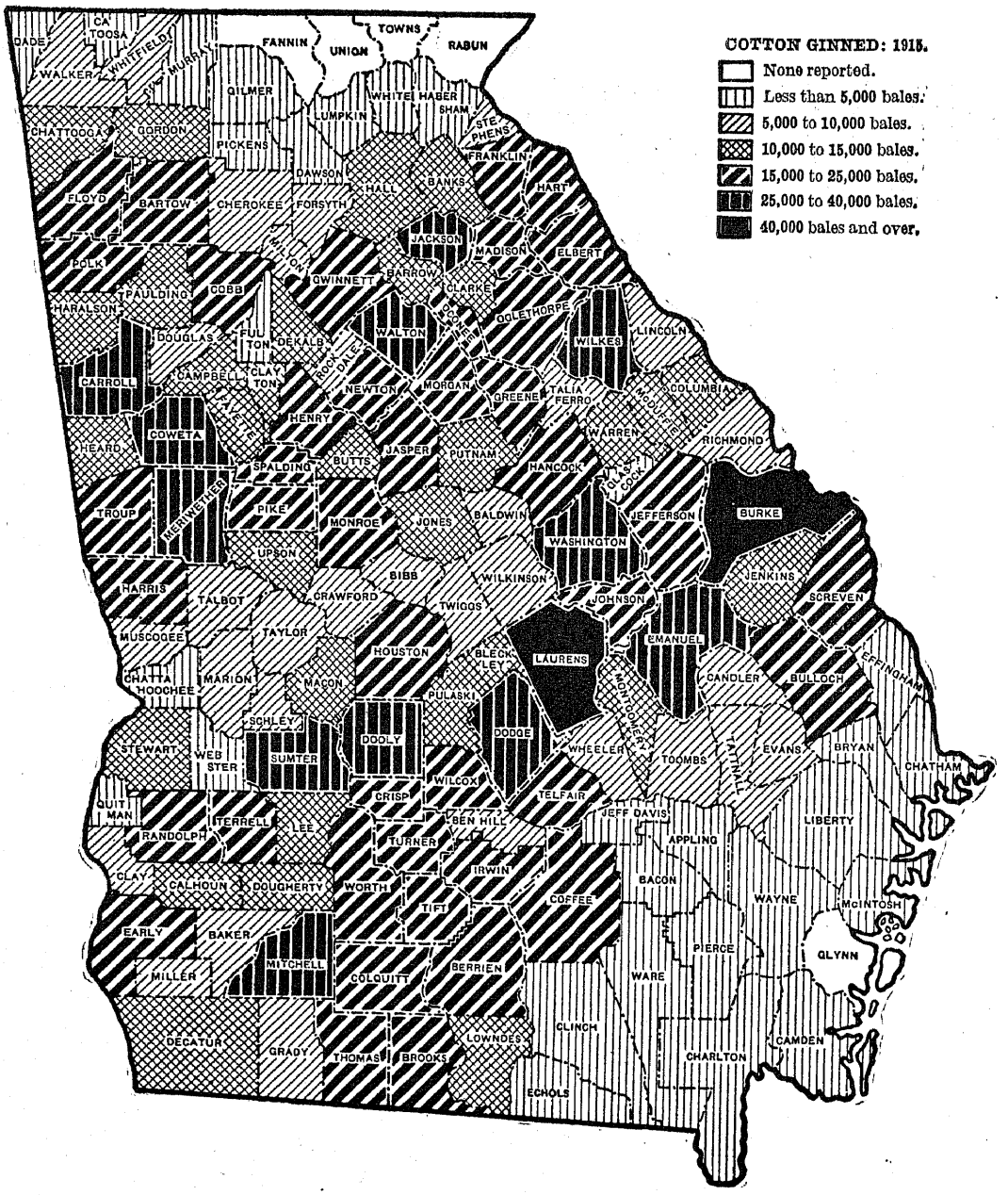
FLORIDA.

[See table on page 71.]



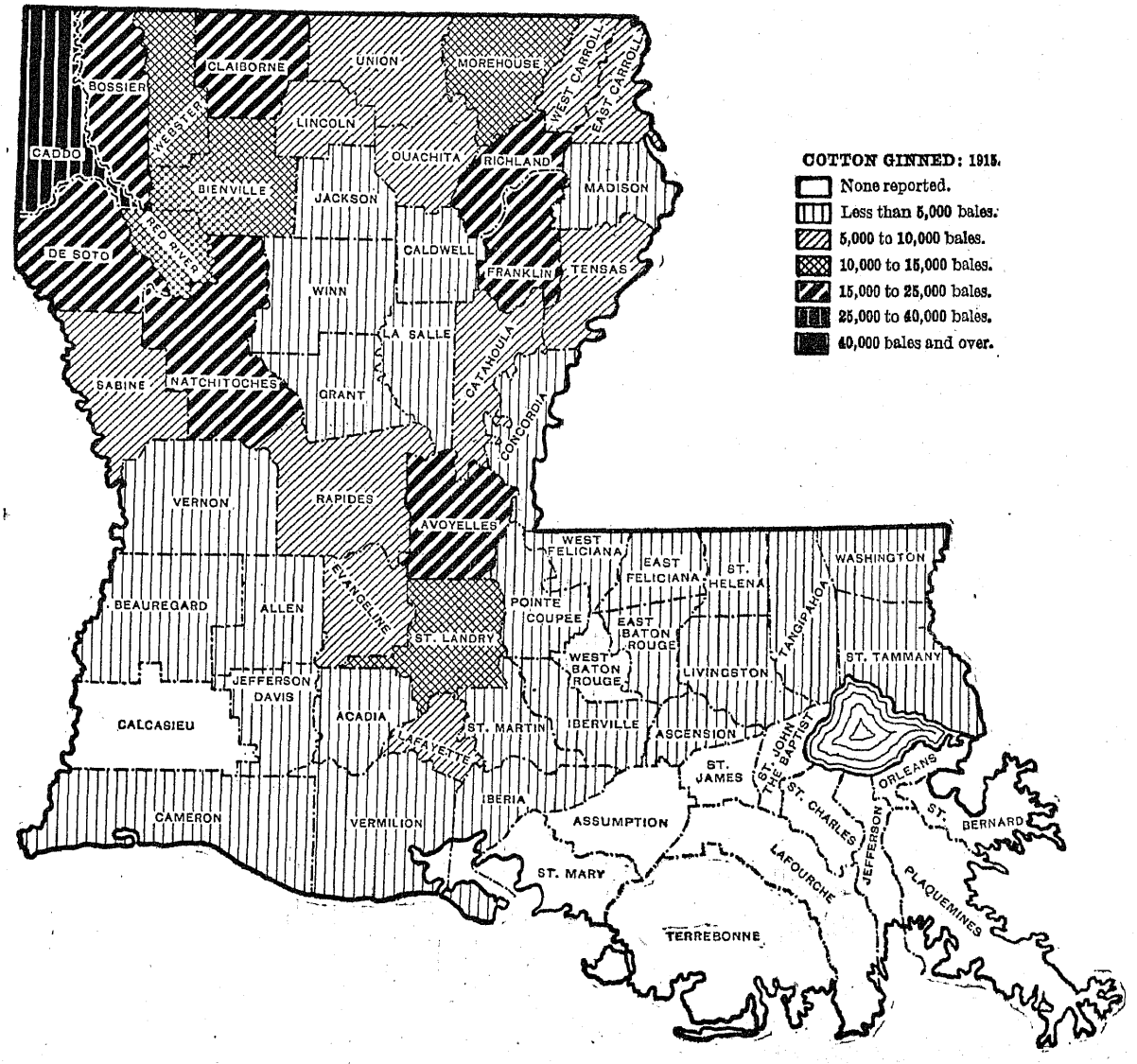
GEORGIA.

[See table on page 71.]



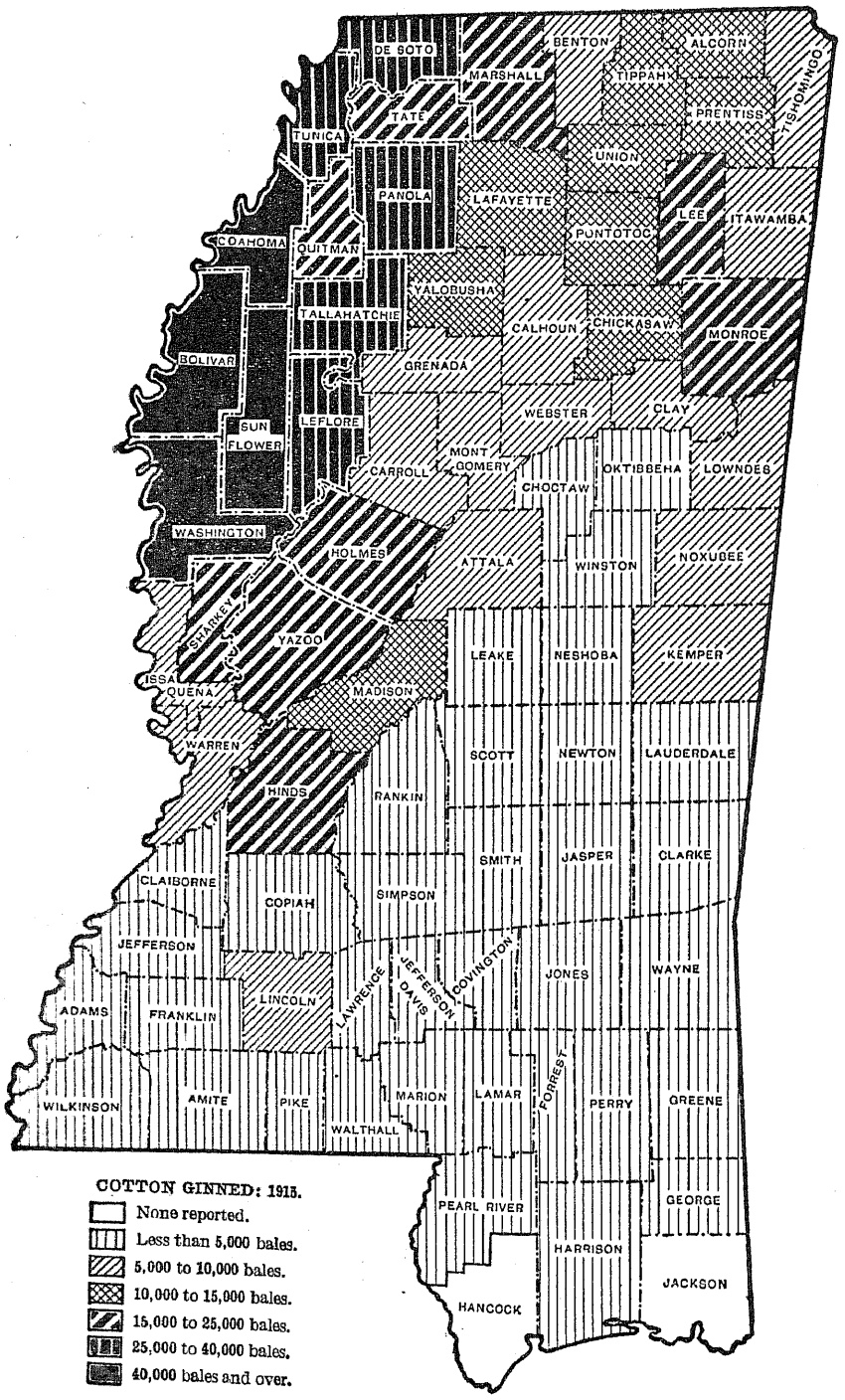
LOUISIANA.

[See table on page 73.]



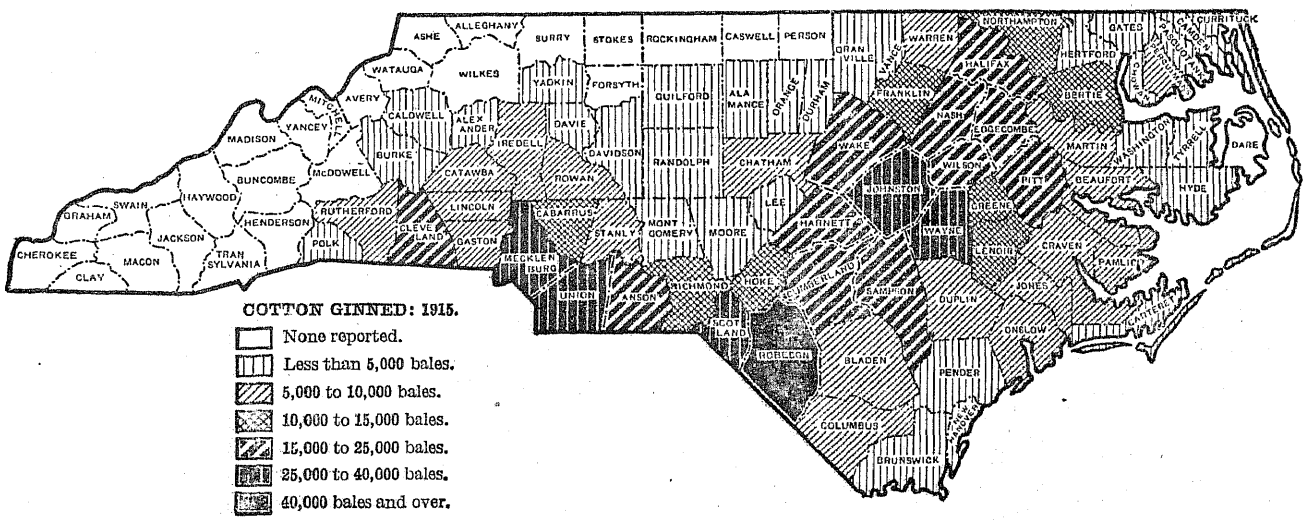
MISSISSIPPI.

[See table on page 74.]



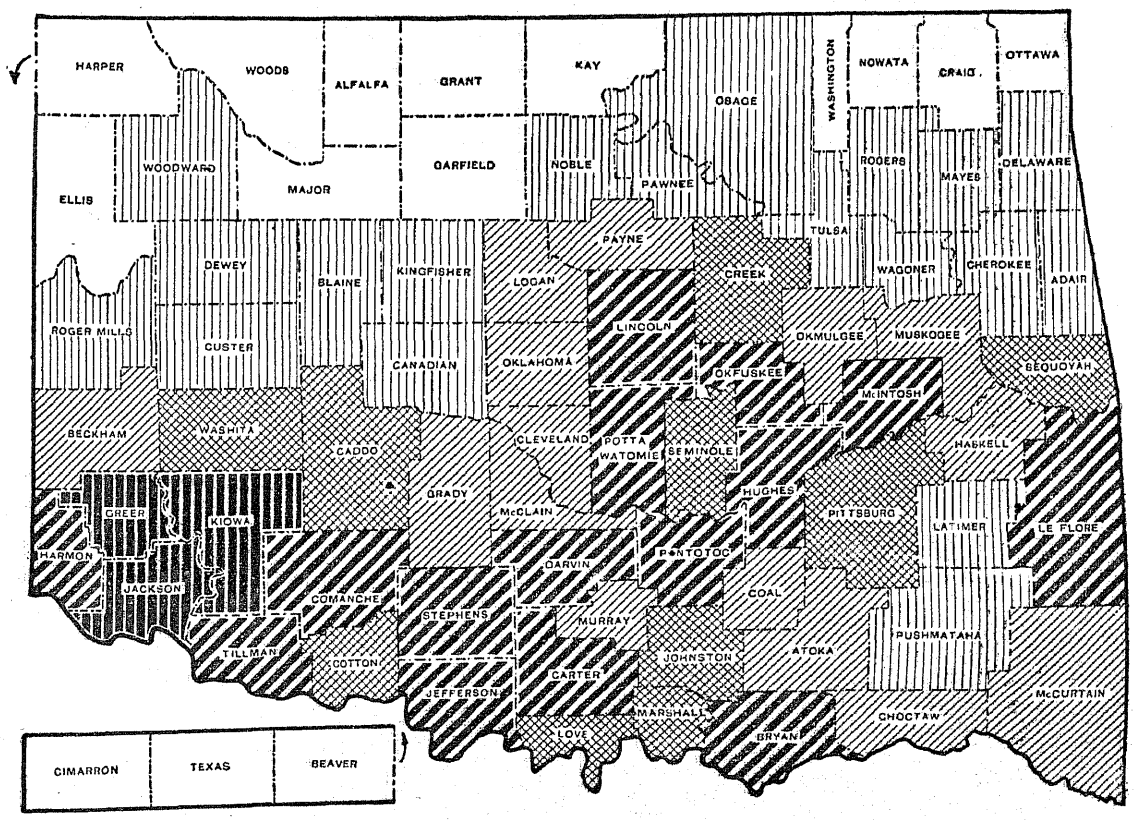
NORTH CAROLINA.

[See table on page 75.]



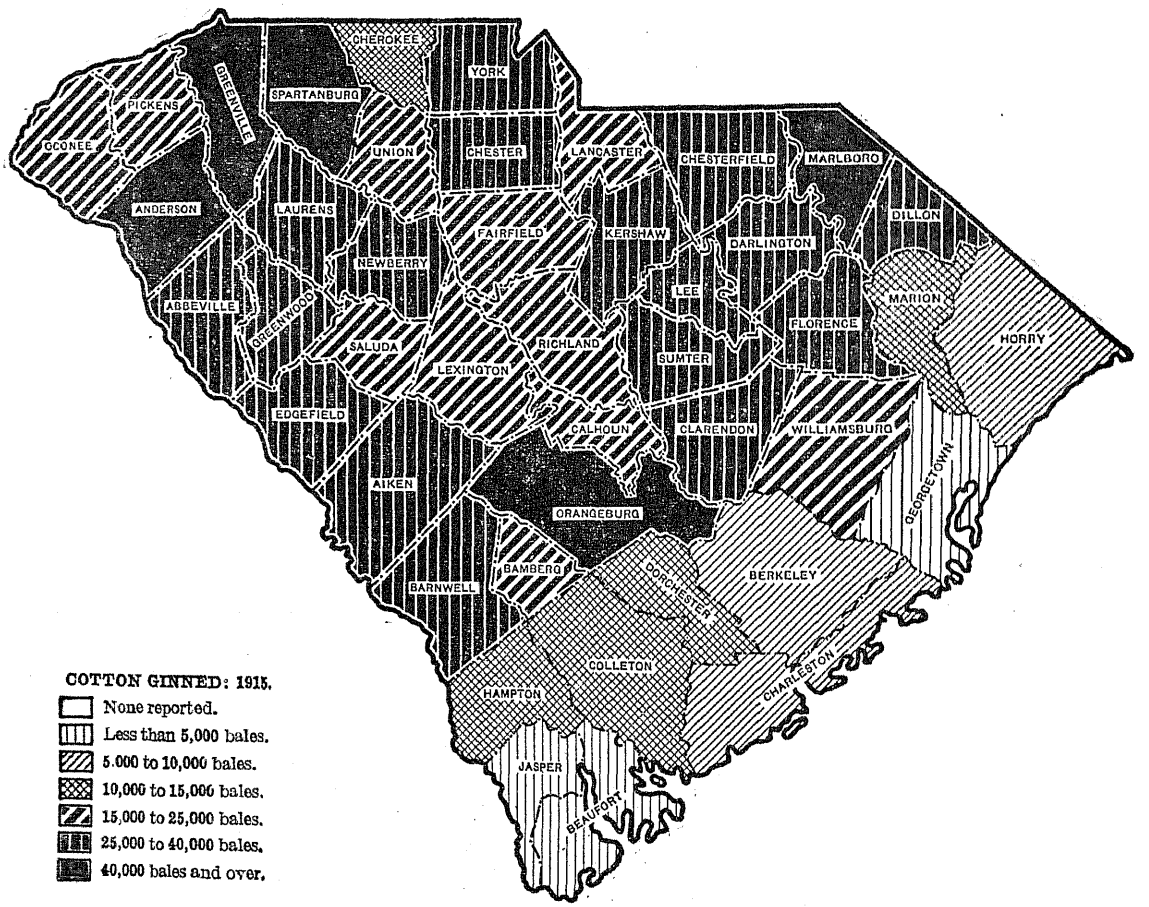
OKLAHOMA.

[See table on page 76.]



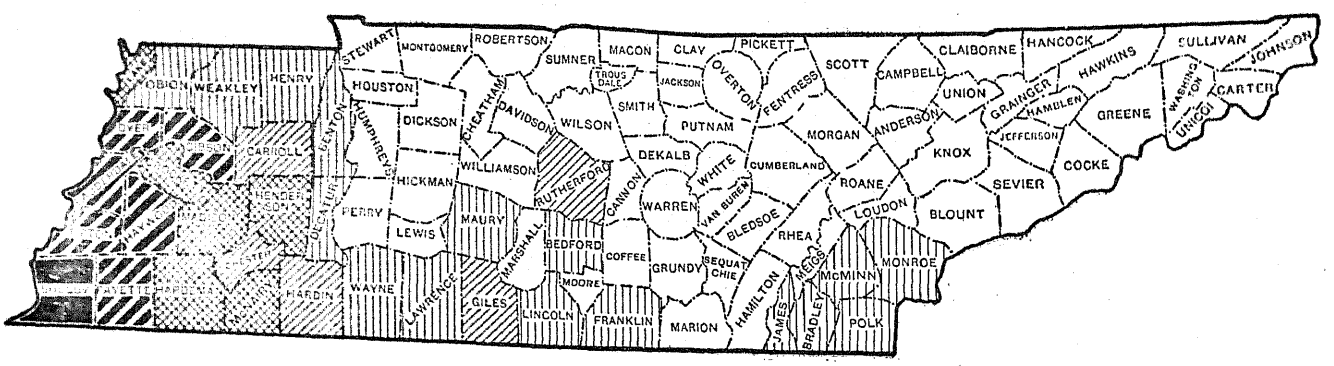
SOUTH CAROLINA.

[See table on page 77.]



TENNESSEE.

[See table on page 78.]



TEXAS.

[See table on page 78.]